

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

NOVEMBER 2 1963



SHOW

THEM they need not put up with stuffy, running noses, even if they have the heaviest of colds.

SHOW

THEM YOU KNOW that there is a handy pocket spray that really **does** give up to 8 hours' relief, without side effects or rebound action.

SHOW

THEM ATOMOL and they'll not only buy — they'll tell their friends **where** to buy. Display will pay!

ATOMOL

NASAL SPRAY

Free from Purchase Tax, the Atomol Nasal Spray retails at 6d. and is available in display outers (12) at a trade price of 28/- per dozen.





New to Britain ...

Jordan®

**SCANDINAVIA'S BEST SELLING
TOOTHBRUSH WITH MORE
SELLING POINTS AND MORE
PROFIT TO YOU.**

- Exclusive Tynex Tufts
- Tufts angled to clean between the teeth
- Handle designed for maximum efficiency
- Withstands regular sterilization with boiling water
- A unique toothbrush giving a complete guarantee

Regular advertising support in the important mass circulation women's magazines

Order now from:

Continental Cosmetics Ltd.

88 Fonthill Road, London N.4. ARChway 0661/2





Fenella Fielding assists in the Together display competition at Fields of Bond Street

Who's won a week-end in Paris?

(The shop with the first-class Together display!)

FIRST PRIZE, a week-end in Paris for two—or £120

—goes to Ecclestons (Chemists) Ltd., 121 Pottery Road, Warley, Birmingham 32, for a skilful display of Together that in the opinion of the judges stood out as *first-class*.

£10 each for the runners-up for their attractive Together displays:—

Boots the Chemists,
159 Balham High Road,
London S.W.12.

H. T. Christian, M.P.S.,
107A Spinney Crescent,
Toton, Beeston,
Nottingham.

The Park Chemist,
6 Cavendish Square,
Park North,
Swindon.

Brays (Chemists) Ltd.,
908-911 Govan Road,
Glasgow S.W.1.

Dallas's,
Perfumery Department,
Cowcaddens,
Glasgow.

D. W. Matheson, M.P.S.,
700 Bolton Road,
Pendlebury,
Lancs.

Blass & Fisher (Chemists) Ltd.,
193 Woodhouse Street,
Leeds 6.

Timothy Whites Chemists,
20-22 Queen Street,
Newton Abbot,
Devon.

K. H. & L. M. Wright,
7 The Ridgeway,
Parklands, Chichester,
Sussex.

A prize for everyone! Even if you're not listed above, you'll have received a prize. One full-size bottle of Together perfume was sent to everyone who entered the competition. Better luck next time, and our sincere thanks to all participants.

Golden Limited announce price revisions from November 1st

These new prices affect the following

L'Oreal

products only. They are:

PRODUCT	NEW RETAIL PRICE	NEW TRADE PRICE	PURCHASE TAX
Color-Glo <i>semi-permanent hair colouring</i>	3/10 <i>per bottle</i>	26/3 <i>per dozen</i>	6/7 <i>per dozen</i>
Color-Match <i>semi-permanent colouring for matching in grey hairs</i>	5/3 <i>per bottle</i>	36/- <i>per dozen</i>	9/- <i>per dozen</i>
L'Oreal Hair Bleach	3/6 <i>per packet</i>	24/- <i>per dozen</i>	6/- <i>per dozen</i>

Manufactured and distributed by

GOLDEN LIMITED, Berkeley Square House, Berkeley Square, London, W.1.

Mayfair 8240

Creations of L'Oreal Paris



You still have time to Order!

these really delightful Hand Painted

CHRISTMAS GIFTS by ABIETSAN

**FINEST QUALITY · EXQUISITELY PERFUMED
ELEGANTLY PRESENTED · SURE TO PLEASE**

No. 141

PERFUMED
BATH SALTS
FEATHER CRYSTALS
in Hand Painted
Glass Flower Vase
5/11 each



No. 195

PERFUMED
BATH SALTS
FEATHER CRYSTALS
in Hand Painted
Crystal clear
Plastic Decanters
5/3 each



No. 151

PERFUMED
BATH SALTS
FEATHER CRYSTALS
in Hand Painted
Glass Containers
4/2 each

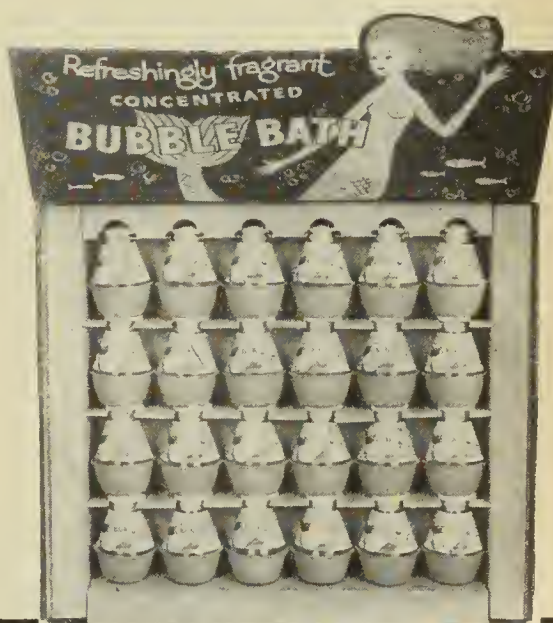
No. 401 PERFUMED
BATH SALTS
FEATHER CRYSTALS in Hand
Painted Plastic "Bunny"
Containers **3/4 each**



No. 300 PERFUMED BATH SALTS
FEATHER CRYSTALS in Hand Painted
Miniature Bottles
5/4 per box



No. B24
CONCENTRATED
"BUBBLE BATH"
in Plastic
Bottles
1/- each



SPECIALISTS IN HAND PAINTED PRESENTATIONS

Through your usual Wholesaler or direct

Made in England by **THE ABIETSAN MFG. CO. LTD.**

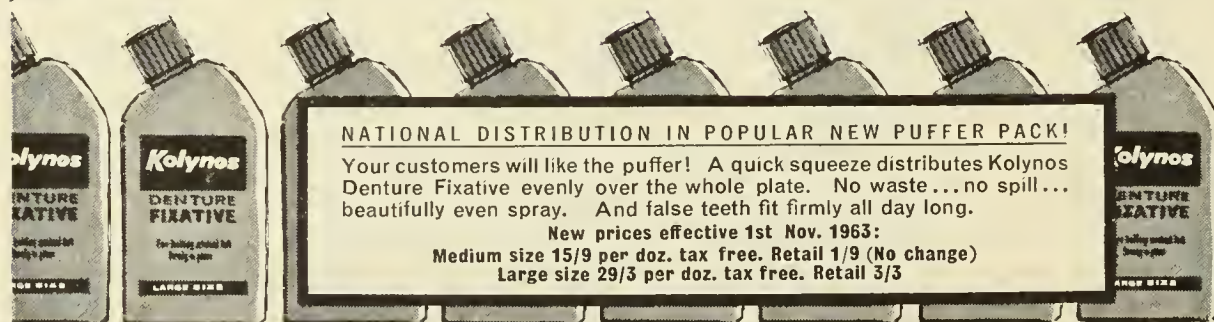
CONCORDIA WORKS · CARMICHAEL ROAD · LONDON S.E.25 · ENGLAND Telephone : ADDiscombe 2261
EXPORT OFFICE : 4 BROAD STREET PLACE, LONDON E.C.2



Notification of Price Change

KOLYNOS DENTURE FIXATIVE in the Puffer Pack LARGE SIZE NOW—3/3

(SMALL SIZE—NO CHANGE)



NATIONAL DISTRIBUTION IN POPULAR NEW PUFFER PACK!

Your customers will like the puffer! A quick squeeze distributes Kolynos Denture Fixative evenly over the whole plate. No waste...no spill... beautifully even spray. And false teeth fit firmly all day long.

New prices effective 1st Nov. 1963:

Medium size 15/9 per doz. tax free. Retail 1/9 (No change)

Large size 29/3 per doz. tax free. Retail 3/3

**STOCK AND
DISPLAY
KOLYNOS**
TRADE MARK
**DENTURE
FIXATIVE**

All nylon *SUPPORT* Stocking

One Chemist has sold 86 pairs in two weeks!

No rubber to perish
No prescription required
No measuring necessary

Exempt from purchase tax on the grounds of their therapeutic value. Good support, good appearance—look like ordinary nylons when worn. Sell once to your customer and repeats are automatic.

Advertised in National Press.
Attractive display material.

Four colours, three sizes
(small, medium and large).

Send for sample, shade card,
literature, trade prices etc., to :

only

19/11

retail



GOLDEN Lady Sheer Relief SUPPORT stockings

C. J. PLUCKNETT & CO. LTD · CHARLTON VILLAGE · LONDON, S.E.7

Complete TABLET STRIP-PACKING SERVICE to the Trade..



Enquiries invited
for 'catch cover' packing

MATTHEWS & WILSON LTD.

— — — — — LARKHALL WORKS

MORRISH ROAD LONDON, S.W.2

Tel: TULse HILL 5881/2

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Femfresh

PRE-MOISTENED DISPOSABLE CLOTH TISSUES FOR
COMPLETE FEMININE ASSURANCE

CHANGE IN DISTRIBUTION ARRANGEMENTS

RETAIL CHEMISTS are advised that, effective immediately, supplies of this new and fast growing product should be obtained from their usual wholesalers.

WHOLESALERS, and others being advised separately, should order their requirements from

ANESTAN LTD., 6 Albemarle St., London W.1.

Telephone : HYDe Park 2444

Femfresh made in England by Green, Young & Co. Ltd., Charlotte St., London W.1.

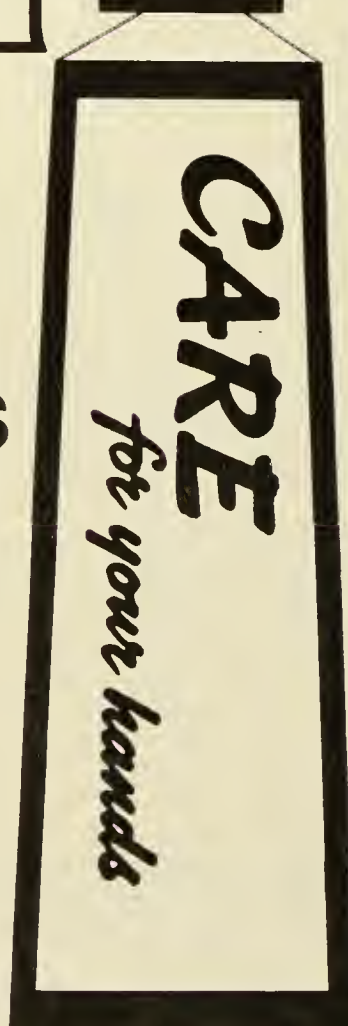
HURRY!

Bonus terms for CARE end 30 Nov

Big trade benefits for Care Handcream are still available until 30th November.

Remember: profits are up to as much as 56%.

Check comparative prices below and see just how much you benefit by ordering NOW.



STANDARD SIZE

STANDARD SIZE	—	Retail price 1/8d
Normal trade price	—	11/5d per doz.
Purchase tax	—	2/9.394d per doz.
Bonus trade price	—	10/6d per doz.
Purchase tax	—	2/6.712d per doz.

GIANT SIZE

GIANT SIZE	—	Retail price 2/3d
Normal trade price	—	15/5d per doz.
Purchase tax	—	3/9.094d per doz.
Bonus trade price	—	14/2d per doz.
Purchase tax	—	3/5.437d per doz.

DO NOT LOSE THIS OPPORTUNITY TO TAKE YOUR PROFIT ON **CARE** TO 56%!

Care Laboratories Limited, 161 New Bond Street, London W1.

WINTER BONUS ON**PERNOMOL**

REGD. TRADE MARK

**CHILBLAIN PAINT**

To ensure you have a stock of PERNOMOL in readiness for the coming winter demand, we are offering

● **13 tubes charged as 12**

on all orders placed up to 30th November.

Supplies of attractive window stickers with St. Bernard dog design sent on request.

PERNOMOL will bring **PROFIT** to you and welcome relief to your customer.

Trade price 19/- doz. (Plus P.T. 4/9d.)

Retail price 2/10d.

Take advantage of this **BONUS OFFER NOW!**

Order through your wholesaler



LABORATORIES FOR APPLIED BIOLOGY LTD

91 AMHURST PARK, LONDON, N.16. Telephone: STAmford Hill 2252/3

POLISH pharmaceuticals for medical and veterinary use are produced by:

"POLVA" (ten factories)

"Biomed" (three factories)

"HERBAPOL" (six factories)

"Biovet" (three factories)

SOLE EXPORTER

Ciech

CIECH Import and Export of Chemicals Ltd.,
P.O. Box 271, 12 Jasna Street, Warszawa 1 POLAND

SOLE REPRESENTATIVE **ANGLO-DAL Limited**, Chesterfield House,
Bloomsbury Way, London, W.C.1.

TEL.: HOL 4366

CIE/8

you'd never guess I wear elastic hosiery

Jayskin
TWO-WAY-STRETCH
SURGICAL ELASTIC
HOSIERY

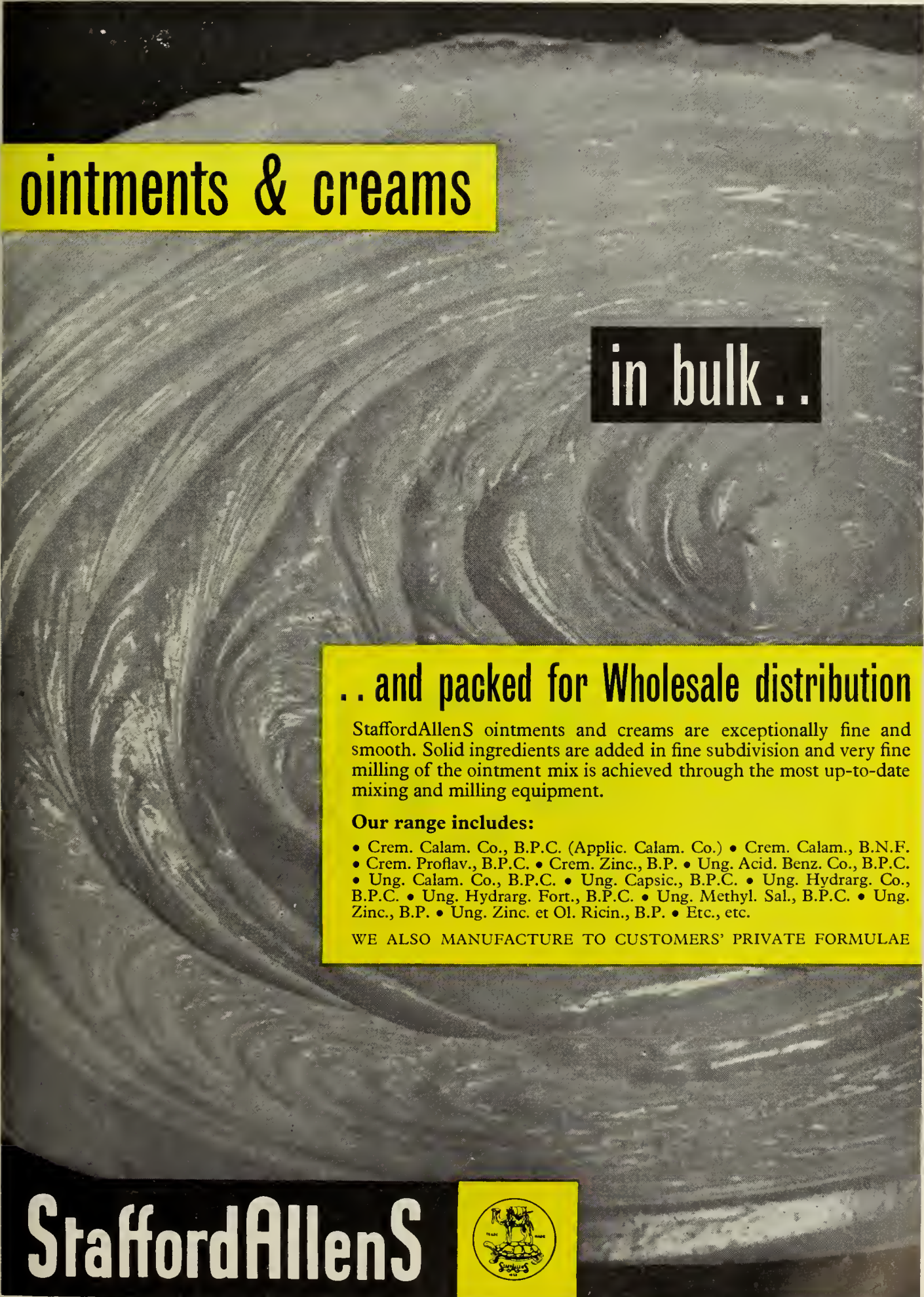
Self measurement forms
and fitting guide supplied.

Made in cotton or nylon to
N.H.S. Specification and
packed in attractive boxes.

Made to measure hosiery
despatched by return.

WOOD BASTOW (ELASTICS) LTD.

Dove Green, Selston, Nottinghamshire.
and at Victoria Road, Pinxton, Notts.



ointments & creams

in bulk..

.. and packed for Wholesale distribution

StaffordAllenS ointments and creams are exceptionally fine and smooth. Solid ingredients are added in fine subdivision and very fine milling of the ointment mix is achieved through the most up-to-date mixing and milling equipment.

Our range includes:

• Crem. Calam. Co., B.P.C. (Applic. Calam. Co.) • Crem. Calam., B.N.F.
• Crem. Proflav., B.P.C. • Crem. Zinc., B.P. • Ung. Acid. Benz. Co., B.P.C.
• Ung. Calam. Co., B.P.C. • Ung. Capsic., B.P.C. • Ung. Hydrarg. Co.,
B.P.C. • Ung. Hydrarg. Fort., B.P.C. • Ung. Methyl. Sal., B.P.C. • Ung.
Zinc., B.P. • Ung. Zinc. et Ol. Ricin., B.P. • Etc., etc.

WE ALSO MANUFACTURE TO CUSTOMERS' PRIVATE FORMULAE

StaffordAllenS



STAFFORD ALLEN & SONS LTD., WHARF ROAD, LONDON, N.1 Telephone: CLerkenwell 1000

HERE'S A REAL BONUS OFFER

During November, orders you place for 3 dozen or more tubes of Algipan* Balm will be at the bonus terms of *14 to the dozen* in return for counter or window display

this means a profit of

45 $\frac{1}{2}$ %

after you have paid purchase tax

Why wait until the end of November before placing your orders?

The bonus period starts now

ALGIPAN

the convenient, safe,
non-staining rubefacient



*trade mark

John Wyeth & Brother Ltd., Taplow, Maidenhead, Berks.

4/11 DE LUXE QUALITY



Marigold

SNAP-ON *Baby pants*

*winning
more
seats
than
ever!*

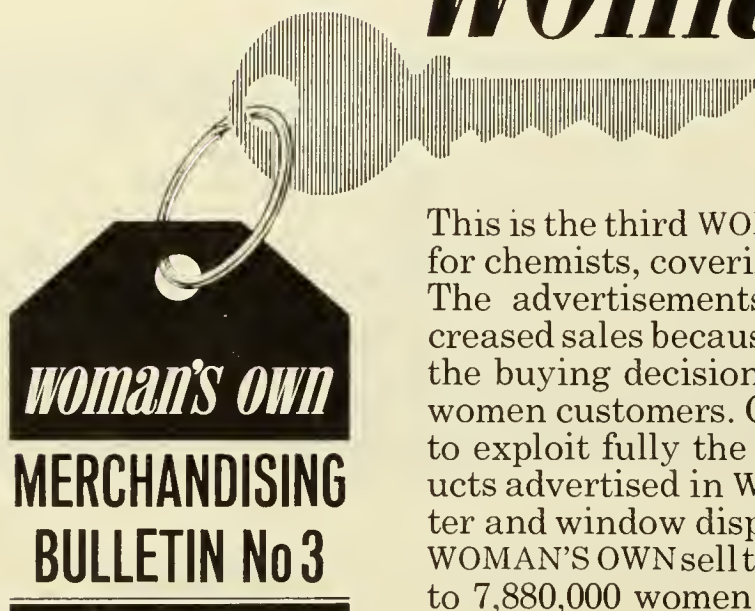


BECAUSE

- * Simple to fit, on in a jiffy.
- * The waterproof plastic keeps super-soft and supple.
- * Adjustable popper fastenings ensure snug fitting.
- * Specially designed pockets, fore and aft, for regular or disposal nappies.
- * Strongly welded seams prevent leaking and are easier to keep clean.
- * Choice of 3 colours in 4 sizes.
- * MARIGOLD ADVERTISING IS SEEN BY EVERY 3 OUT OF 4 MOTHERS.

J. ALLEN RUBBER COMPANY LIMITED, LYDNEY, GLOUCESTERSHIRE.

No. 3 in a vitally important WOMAN'S OWN



November 2-
December 14

This is the third WOMAN'S OWN Merchandising Bulletin for chemists, covering November and part of December. The advertisements listed below will bring you increased sales because WOMAN'S OWN directly influences the buying decisions of well over one third of all women customers. Check your stocks now and be ready to exploit fully the tremendous sales potential of products advertised in WOMAN'S OWN with prominent counter and window displays. Every week advertisement in WOMAN'S OWN sells toilet, health and beauty preparations to 7,880,000 women, including 6,353,000 housewives.

Readership figures from IPA Survey, Jan.-1963

These are the lines you'll find in big demand. Check your stocks with this list NOW

woman's own

DATED NOVEMBER 2

Aero dry shampoo powder
Amami styling lotion and conditioner
Anadin
Andrex toilet tissue
Aspro c
Bandbox Spray-Tint
Beecham's Pills
Beecham's Powders
'California Syrup of Figs'
Fynnon salts
Germoloids
Hartnell 'In Love' preparations
Heinz baby foods
Horlicks c
Iron Jelloids
Max Factor 'Sheer Genius' c
Max Factor Swedish Formula handcream
Oil of Ulay
Phensic
Pin-Up home perms
Rose Glymiel
Helena Rubinstein Bio-Clear
Supersoft perfumed hairspray c
T.C.P.
Thermona
Twink home perms c
Velouty powder cream
Vick Cough Syrup
Vick Vapour Rub
Vitapointe
Yardley cream powder
Yeast-Pac

woman's own

DATED NOVEMBER 9

Aspro
Atrix handcream
Beecham's Pills
Beecham's Powders
Color-Glo c
Coty creamy skin perfume
Cutipen
Dettol
Fynnon salts
Germolene
Germoloids
Goya Spray Set
Hiltone hair lightener
Lucozade
Max Factor Hi-Five c
Nivea c
Polyblonde and Polyfair c
Revlon 'Love-Pat'
Rimmell 'Beauty on a budget' series *
Silcot
Vick Cough Syrup
Vick Vapour Rub
Woltz Italiana nail enamel c
Yeast-Pac

woman's own

DATED NOVEMBER 16

Amami styling lotion and conditioner
Aspro c
Beecham's Pills
Beecham's Powders
Cuticura
Dettol
Elnett
E.P. tablets
Femfresh
Fields 'Together' range
Fynnon salts
Germolene

Hartnell 'In Love' preparations
Helene Curtis 'Go Gay' hairspray
Inecto Hair Magic c
Iron Jelloids
Izal Soft Tissue c
Lanospray
Lifebuoy soap c
Max Factor Swedish Formula handcream
Ostermilk
Oil of Ulay
Pacquin handcream
Phensic
Helena Rubinstein Nudit
Saxin
Scotties c
Sno-Mist
Sunsilk shampoos c
Supersoft hairspray
Twink home perms
Vick Cough Syrup
Vick Vapour Rub
Yardley Flair perfume

woman's own

DATED NOVEMBER 23

Amami styling lotion and conditioner
Angier's junior aspirin
Atkinson Chantage perfume
Atrix handcream c
Beecham's Pills
Beecham's Powders
Cuticura
Dettol
Elnett
E.P. tablets
Femfresh
Fields 'Together' range
Fynnon salts
Germolene

new service to chemists

MERCHANDISING BULLETINS

your key to bigger sales

7¾ million women
come shopping every
week with
woman's own



ds
by foods c
hair lightener
Hudnut Style home perms c
n's baby foods
air Magic c
for Hi-Five c
Magnesia'
eme, Liquid & Blue Velvet
otion c
handcream
ds
urvey's mixture
Tonic Yeast
r Set c

ome perms
a
ugh Syrup
pour Rub
cream powder... .. c

woman's own
DATED NOVEMBER 30
... .. c
n's Pills
n's Powders
n
s baby powder

Fix setting lotion
Fynnon salts
Helene Curtis 'Go Gay' hairspray ... c
Hermesetas
Horlicks c
Iron Jelloids
Max Factor perfume fragrances ... c
Oil of Ulay
Phensic
Scotties c
Sunsilk shampoos c
Vick Cough Syrup
Vick Vapour Rub
Woltz Italiana nail enamel c

woman's own
DATED DECEMBER 7
Amami styling lotion and conditioner
Beecham's Pills
Beecham's Powders
Bristow's Star Spray
'California Syrup of Figs'
Delrosa rosehip syrup
E.P. tablets
Fix setting lotion
Fynnon salts
Germolene
Germoloids
Gillette razors c
Guerlain Chant d'Arome perfume
Haliborange
Hiltone hair lightener

Lady Manhattan
Lucozade
Helena Rubinstein Tang men's toiletries
Shulton Desert Flower range c
Vick Cough Syrup
Vick Vapour Rub
Vitapointe

woman's own
DATED DECEMBER 14
Anadin
Bristow's Star Spray
Beecham's Pills
Corvette range
Cusson's Imperial Leather range c
Cuticura
Fynnon salts
Iron Jelloids
Izal soft tissue... .. c
'Milk of Magnesia'
Oil of Ulay
Phensic
Scotties c
Shulton Old Spice range c
Sunsilk shampoos c
Vick Cough Syrup

c=Colour Advertisement

* Rimmell 'Beauty on a Budget' Special
3 page announcement including Double
Page Spread in full colour

xt *woman's own* Merchandising Bulletin will appear in the December 14 issue of *Chemist and Druggist* and will cover the remainder of December and January.

If you would like further copies of this Bulletin, or would like to receive them regularly by mail, please write to the Merchandising Manager, Woman's Own Advertisement Department, News Newnes Ltd., Tower House, Southampton Street, London WC2. Temple Bar 4363.

Burroughs

ADDING MACHINES



Since the first Burroughs Adding Machine was built over 75 years ago, Burroughs has been known the world over for dependability, quality and efficiency.

Choose any model from Burroughs' complete line of fine adding machines—you'll get the most for your money (from £31)—and a solution to your figuring problems.

If yours is a cash business, Burroughs has a complete line of both general and special purpose cash registers designed to meet the individual requirements of any business.

For more information, or 7-day free trial, contact your nearest Burroughs Dealer or Branch Office—or post coupon below.

Burroughs MACHINES LIMITED

356/366 OXFORD STREET, LONDON, W.1

I would like ☐ More information
☐ 7-day free trial of a Burroughs Adding Machine, without obligation.

NAME
 (BLOCK LETTERS, PLEASE)

ADDRESS

AC2

Velouty

de DIXOR

POWDER CREAM

Constantly advertised in
 Women's Magazines

IN IVORY, NATURAL,
 PEACH, OCHRE, SUNGOLD,
 APRICOT AND RACHEL

TUBES No. 2 No. 3
 TRADE 9/- Doz. 14/2 Doz.
 RETAIL 1/4 Each 2/2 Each

PLASTIC JARS

Trade 27/- Doz. Retail 4/- Each



Special
 LARGE
 TUBE

NATURAL
 PEACH and
 IVORY
 ONLY

*

* No. 4 SIZE
 TRADE 27/8 Doz.
 RETAIL 4/1 Each

DIXOR LTD.

ST. LEONARD'S ROAD, MORTLAKE, S.W.14



**E. ILLINGWORTH & CO.
(BRADFORD) LTD**

COTTON WOOLS

**ILLMOND — COTTON WOOL
DISPENSER PACK**

Package has tuck-in ends and can be re-sealed.
Hygiene ensured.

B.P.C. quality cotton wools. Hospital quality
cotton wool (Drug Tariff). Sterilised and
Unsterilised in all weights, for Home and
Export.

Quantities labelled with your own labels from
½ oz. to 16 oz. standard packets.
Bottle neck wool, filter pads, gauze and
cotton tissue B.P.C. Quality. Respirator
refills.

PACKING MATERIALS

GREY AND BLEACHED

NEEDLELOOM FELTS

for thermal, sound and vibration insulation
and protection.

COTTON WOOLS

Bleached and Unbleached Rolls from 2 in. to
40 in. wide, weights 3 oz. per sq. yd. upwards.

Sized Waddings.

E. ILLINGWORTH & CO (Bradford) Ltd
SHELF MILLS, SHELF, NR. HALIFAX, YORKS.
Tel: BRADFORD 76261/9 Grams: "ILLMOND BRADFORD"



THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

THE WEEKLY NEWSPAPER FOR PHARMACY
and all sections of the drug, pharmaceutical,
fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland
and of the Pharmaceutical Society of Northern Ireland*

Volume 180

November 2, 1963

No. 4368

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MORGAN BROTHERS (PUBLISHERS), LTD.,
at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565

Telegrams: Chemicus, Estrand, London



MEMBER OF THE AUDIT BUREAU OF CIRCULATIONS

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GLASGOW: 160 Nether Auldhouse Road, S.3. Phone: Langside 2679.
LEEDS, 16: 32 Wynford Rise, West Park. Phone: Leeds 67 8438.
WOLVERHAMPTON: 89 Woodland Avenue, Tettenhall Wood,
Phone: Wolverhampton 52301.

ANNUAL SUBSCRIPTION

which includes The Chemist and Druggist Diary and Year
Book, £3 10s. Single copies 1s. 3d. each (postage 5d.).



THIS IS THE 8" D/C ADVERTISEMENT

THESE ARE THE PAPERS IN WHICH IT WILL APPEAR

NEWS OF THE WORLD
6,289,271

THE PEOPLE
5,540,811

DAILY EXPRESS
4,224,148

DAILY MAIL
2,479,466

A FANFARE AND A ROLL OF DRUMS ANNOUNCE THE

These are TUMS
America's top selling INDIGESTION tablets

America—land of hurry and worry that so often lead to indigestion. The busy Americans take...

TUMS FOR INDIGESTION

Why? Because they act really fast to soothe away indigestion. The effect is lasting—there's no acid rebound, or unwanted laxative action.

NOW—TUMS ARE MADE IN BRITAIN

and sold by every chemist. The next time you get indigestion, heart-burn, wind or any stomach discomfort, you must try TUMS. You're going to get quick relief, effective relief and long-lasting relief—and TUMS taste good, too. There's no chalky, gritty aftertaste.

PERSONAL TEST
We want you to make the
Whatever you've taken before
now try TUMS
Find out for yourself just how
effective a modern indigestion
tablet can be.

NEW RELIEF FROM INDIGESTION

FROM ALL CHEMISTS EVERYWHERE
1/- A ROLL, 3 ROLL ECONOMY PACK 2/9 Also in family size 100 tablet bottle.

NEW CAMPAIGN FOR TUMS

74,134,784* advertisements
will appear November-December

* This figure is the total copies bought of the four great national papers multiplied by the number of TUMS advertisements in them. If we counted readers there would hardly be room for the number on the page.

FREE SAMPLES TOO. Two tablet samples for you to give your customers are available from the manufacturers.

TUMS are made in England by Gerhardt-Penick Ltd., Purley Way, CROYDON, Surrey, and stocked by wholesalers everywhere.

The CHEMIST AND DRUGGIST

Volume 180

NOVEMBER 2, 1963

No. 4368

A "Fine" Almost Doubled MINISTER REJECTS A RECOMMENDATION

MR. ENOCH POWELL, when Minister of Health, recently rejected a recommendation of the London Executive Council and increased from £8 8s. to £15 a "fine" imposed on a chemist contractor who dispensed a Schedule-4 poison incorrectly.

In a case considered by the London Executive Council recently a prescription for Wyovin (a Schedule-4 poison) was incorrectly dispensed as Wyovin with phenobarbitone, and the patient's husband complained to the Executive Council. The Council adopted in April the recommendations of its Pharmaceutical Service Committee that the respondent chemists should be censured, and that £8 8s. should be deducted from their remuneration. On July 2 the Minister of Health (Mr. Enoch Powell) wrote to the Council saying that he took a serious view of the error and was of opinion that a larger sum should be withheld (£15 rather than £8 8s. as recommended by the Council) and he invited the Council's observations. In reply the Council pointed out that the service committee had given careful consideration to the case and that, while the Council took a serious view of the error, it felt that there were extenuating circumstances. The manufacturers of the tablets had agreed to increase the legibility of the wording "with phenobarbitone B.P." on the labels of the containers, and that could be interpreted as an admission that the previous labelling was indistinct. It was also pointed out that no previous complaint or case relating to the pharmacy had been referred to the pharmaceutical service committee under the drug testing scheme. The Council felt, therefore, that its recommendation to withhold £8 8s. should be confirmed. The Minister, in reply, said he had given careful consideration to the Council's views but, for the reasons previously stated, and particularly because a Schedule-4 poison was involved, had decided that to withhold £15 was appropriate.

Chemists' Sales Forecast

MULTIPLES EXPECTED TO GAIN GROUND

"THE outlook for the small chemist is not promising, particularly for those whose professional pride prevents them from joining voluntary chains to gain the benefits of bulk buying." So concludes an article in the September issue of *Retail Business*, by the Economist

Intelligence Unit. Over 1963, assuming receipts by chemists as a whole (excluding N.H.S. receipts) rise by 5 per cent., the writer estimates that multiples should grow faster than the average while independents and co-operatives should increase their turnover more slowly. Sales by independents are estimated at £150 millions (up 4 per cent. on 1962) and multiples, £115 millions (up 6 per cent.). The figures include photographic shops. On the sales of those goods usually associated with chemists and now sold also in other outlets, the article states that the challenge can only be met on their own ground by the use of modern retailing and merchandising techniques. "The large multiple chemists certainly have the resources, both financial and manpower . . . and should hold their own against outside competition" while gaining ground from the independent. The author suggests that in the future the share of the small independent chemists "should continue to fall."

"No!" to Fee Rise

OVERWHELMING VOTE AGAINST THE £9

AN overwhelming vote against the proposal of the Pharmaceutical Society's Council to increase the personal retention fee to £9: that was the main outcome of the special general meeting convened by the Council and held in London on October 30. The president (Mr. C. W. Maplethorpe) announced after the vote that the Council would be meeting on October 31 to consider the views expressed at the meeting and to give the fullest consideration to them. The motion was put by Mr. M. R. Mark, who said that the purpose was to gain twelve months for discussion before the decision was made.

A second motion on the order paper was the subject of an amendment that was carried and became the substantive resolution, also passed by a large majority: "That the Society should take the necessary steps to increase the premises retention fee in order to maintain their revenues and that the new premises retention fee should be according to a sliding scale which bears a direct relationship to the total available sales area of the premises containing the pharmacy." It was put by Mr. J. W. Tinsley, who said the purpose was to prevent the multiples from using the premises registration as a means of attracting trade to other departments.



HOSPITAL PHARMACY ON DISPLAY: At an exhibition arranged by the High Wycombe Hospital Management Committee recently, a pharmacy department display was prepared for the hospital by the Department of Pharmaceutical Sciences of the Pharmaceutical Society. Mr. A. G. Hopkins (group pharmacist) is seen before the stand.

Shop Closing Hours

CALL FOR NEW LEGISLATION

CHANGES in the law relating to shop trading hours are being sought by the public control committee of London County Council. The committee has been enlisting support from other municipal bodies and plans to make representations to the Home Secretary that fresh legislation should be introduced at an early date having in mind "the extent to which changing social conditions have made the existing legislation inappropriate." Attention is drawn particularly to the following points:—

1. Sixteen years have elapsed since the report of the Gowers Committee on closing hours was published and six years since the Government withdrew the Bill designed to give effect to the recommendations of that Committee.
2. The Sunday trading and the early closing day provisions of the Shops Act are difficult to enforce at mixed shops because there are so many exemptions.
3. The Shops Act, although its provisions were intended to apply to all retail trading elsewhere than in shops, does not apply to trading from barrows which are moved from place to place, or to mobile shops.
4. It has been suggested that a change in the law relating to the early closing day would facilitate the introduction of a five-day week for shops assistants.
5. The law relating to Sunday trading in England and Wales is being considered in conjunction with the law relating to Sunday entertainments, sports and pastimes by the Crathorne Committee. Although that Committee was appointed nearly two years ago it has not yet reported.

Tax and "Gimmicks"

NATIONAL CHAMBER'S OPINION

"WHILST any such tax is necessary, then we're better off with purchase tax than with any other alternative." That was the opinion of members of the National Chamber of Trade at the Autumn conference in London, when consideration was given to a report dealing with the taxation of goods and services. For some years the policy of the Chamber has been to seek the gradual elimination of purchase tax over the whole field, and the latest inquiry was as a result of the setting-up by the Chancellor of the Exchequer of a special committee to inquire into the practical effects of the introduction of a form of turnover tax. Another forcibly expressed opinion was that neither traders nor their customers liked or believed in such misleading assertions as "threepence off" and other sales gimmicks fairly common at the present time.

Hospital Salaries

SPECIAL MEETING CALLED BY GUILD

A SPECIAL general meeting of the Guild of Public Pharmacists is being called to discuss recent developments in negotiations on hospital pharmacists' salaries. It is taking place in the Pharmaceutical Society's House, 17 Bloomsbury Square, London, W.C.1, at 3 p.m. on November 9. The following motion will be put to the meeting:—

"That this meeting, having heard a report of the proceedings at the last meeting of the Pharmaceutical Whitley Council Committee 'C,' strongly supports the action of the Staff Side in

rejecting the offer made by the Management Side and referring the dispute to the Industrial Court."

All hospital pharmacists are invited to attend the meeting whether members of the Guild or not. It is expected that Mr. J. S. Davison (Association of Scientific Workers) and Miss D. Westmacott (Confederation of Health Service Employees) will be present. A statement will be made outlining the present state of the salaries negotiations and questions on the procedure at the Industrial Court hearing are invited.

Insecticidal Vaporisers

ADVISORY COMMITTEE TO REVIEW

THE scientific subcommittee of the Advisory Committee on Poisonous Substances used in Agriculture and Food Storage proposes to review and report to the Government Departments on the use of thermal vaporisers which disperse insecticides. The review is being made towards the end of 1964, under the terms of the Notification of Pesticides Scheme. The subcommittee is anxious to receive from all manufacturers of the appliances, or those providing an insecticide service with such equipment, details of the appliances and information concerning their operation and use. The information should be sent, by October 31, 1964, to the joint technical secretary of the scientific subcommittee at the Infestation Control Laboratory, Hook Rise South, Tolworth, Surbiton, Surrey. The information would be treated confidentially.

Pesticides

SUGGESTED COMMON NAMES

COMMENTS on the following suggested common names will be welcomed by Mr. D. G. Berry, British Standards Institution, 2 Park Street, London, W.1.

COMMON NAME	CHEMICAL NAME
Chlordalapon	2,2,3-trichloropropionic acid
Metiram	a complex of zineb and polyethylene thiuram disulphide, containing 80 per cent, zineb.
Thionazin	diethyl O-2-pyrazinyl phosphorothionate, OO-diethyl O-2-pyrazinyl phosphorothioate.

Statutory Committee

FORTHCOMING INQUIRIES

THE Statutory Committee of the Pharmaceutical Society is meeting at 17 Bloomsbury Square, London, W.C.1, on November 12, at 10.30 a.m. to resume an inquiry adjourned from September 1963 concerning a member who had been convicted of offences under the Pharmacy and Poisons Act 1933. The Committee is also to consider information and evidence from which it appears (1) that a member of the Society has been convicted on charges of embezzlement; (2) that a member of the Society has been convicted of offences under the Pharmacy and Poisons Act, 1933; and (3) that a corporate body, carrying on business as an authorised seller of poisons, was convicted of offences under the Pharmacy and Poisons Act, 1933 and, by reason of the facts leading to those convictions, the superintendent pharmacist director may have been guilty of misconduct.

Prizes for Displays

N.P.U. PROMOTES ITS JOINT SCHEME

A WINDOW-display competition arranged by the National Pharmaceutical Union is designed to stimulate interest in the display scheme operated jointly with the Scottish Pharmaceutical Federation and Ulster Chemists' Association. Members taking part in the scheme are being asked to put in, during November, a window display for Lanaleum hand cream, and to send to the N.P.U. a black-and-white photograph of it. Displays will be judged on design, attractiveness, sales appeal and originality. First prize is £50, second and third prizes £25 and £10 respectively.

Fire Safety

A COMPETITION LAUNCHED

WHAT are the ten most frequent and serious causes of fire in industry? The correct answer to the question can win a prize in a new fire safety competition, details of which have been sent to 14,000 British companies by the Fire Protection Association. The Association is asking managements to sponsor the competition amongst their employees as part of a current campaign against high fire losses in industry. Employees taking part will be given a list of the twenty most common causes of factory fires, and then asked to place in order the ten they consider occur most frequently.

Strontium-90 in Bone

A RISE IN MEAN LEVELS

A REPORT containing results of analyses of strontium-90 in human bone samples (mostly from subjects who died during the second half of 1962) carried out by the Atomic Energy Research Establishment and by workers in Glasgow and Cambridge was published on October 14 ("Assay of Strontium-90 in Human Bone in the United Kingdom: Results for 1962, Part II." H.M. Stationery Office, price 1s. 6d.). Results indicate a rise in the mean levels of strontium-90 in bone samples from subjects under five years of age.



A MAYOR TURNS THE MALT: Touring local centres of employment, the mayor of Sudbury (Mrs. Kathleen Hitchcock) visited one of the local maltings of Ednie, Ltd., 120 Regent Street, London, W.1, recently, and is here seen learning from the company's foreman (Mr. L. Jolly) how to use a wood turning shovel.

IRISH NEWS

THE NORTH

Pharmaceutical Committee

MEMBERS AND OFFICERS ELECTED

THE following members of the Local Pharmaceutical Committee were re-elected at a meeting of the Committee held in Belfast on October 24: BELFAST: Messrs. W. H. Boyd, J. J. Farrelly; CO. ANTRIM: Mr. W. S. Hall, Larne; CO. ARMAGH: Mr. J. R. Gass, Markethill; CO. DOWN: Mr. F. J. Sweeney, Newry; CO. TYRONE: Mr. C. Anderson, Dungannon; CO. FERMANAGH: Mr. Wm. Maxwell, Enniskillen. Elected to fill vacancies created by the retirement of Messrs. M. J. McDermott, Londonderry, and J. H. White, Coleraine, were:—LONDONDERRY, Mr. M. E. O'Hare; CO. LONDONDERRY: Mr. W. F. Mansfield, Coleraine. Mr. H. W. Gamble, Belfast, was co-opted to the Committee. Mr. William Donaldson, Londonderry, was elected *Chairman* for the coming year and Mr. J. G. Stinson, *Vice-chairman*. The following were re-elected:—*Treasurer*, Mr. J. F. Rankin; *Secretaries*, Mr. W. Gorman and Miss A. E. Strachan.

THE REPUBLIC

West Ireland Chemists

ASSOCIATION'S ANNUAL MEETING

THAT the local authority in Athlone had consented to have prescriptions for eye medicines dispensed by a chemist of the patient's choice, was stated by Mr. R. Newell at the annual meeting of the West of Ireland Chemists' Association held in Salthill, Galway, on October 20. He said it was the first occasion that such a facility had been granted. The following officers were elected:—*Chairman*, O. Flannery, Tubbercurry; *Vice-chairman*, D. Golden, Westport; *Secretary*, B. McGoldrick, Galway; *Treasurer*, J. Heneghan, Castlebar. It was agreed to hold the annual dance of the Association in Athlone early in 1964, Mr. J. Campbell, Ballinasloe, undertaking to make the necessary arrangements. Mr. B. R. Smith (secretary, Irish Drug Association) outlined the position relating to the turnover tax and it was suggested that for recording the tax-exempted veterinary items, a separate cash register might be used. Mr. D. J. Kennelly (president, Pharmaceutical Society of Ireland) addressed the meeting on the progress made by *Comhairle na Nimheanna* in preparing the new poisons regulations.

NEWS IN BRIEF

THE average prices charged in works canteens are given in the "See-at-a-Glance Survey of Canteen Facts and Figures" survey by the Industrial Welfare Society, 48 Bryanston Square, London, W.1 (price 7s. 6d.).

EVIDENCE that the growth of two types of mammalian cell (from human carcinoma and mouse fibroblast) can be inhibited *in vitro* by minute concentrations of sodium fluoride in the growth medium, has been reported by two workers at Churchill hospital, Oxford. Their findings are presented in a letter published in the October 26 issue of the *British Medical Journal*.

TOPICAL REFLECTIONS

By Xrayser

Twenty-five years

Nothing is so difficult to assess, in retrospect, as the passage of time. The implications of that trite statement were brought home to me on reading in last week's issue (pp. 452 *et seq.*) that a quarter of a century had passed since the discovery of sulphapyridine. One is generally reluctant to admit that one has qualified for inclusion in the veteran class, yet there are many now approaching that target who will be surprised to discover that the larger part of their pharmaceutical experience has been devoted to the distribution of potent and specific medicines and that only those with more than fifty years of service have spent the greater part of their time in dispensing galenicals of the type used for centuries. I vividly recall the advent of the sulpha drugs, and the feeling that we were now on strange ground. There had, of course, been other discoveries bringing new materials and new drugs into the orbit of the druggist. Insulin had made its appearance, and all at once it seemed that the laws of medicine were no longer as those of the Medes and the Persians. A pharmaceutical world, in which the horizons had been bounded by tinctures and infusions and "simples" of all descriptions, was suddenly plunged into revolution, and people stricken with serious and, until then, fatal illness were snatched back from the brink. How many years of wasted effort had gone into vain attempts to help the sufferer from diabetes, from pernicious anæmia, from tuberculosis, and many of the then "killer" diseases! And you, reader, if you are of my generation and have read thus far, must reflect on the facts. You have actually been transformed, as dramatically as was Dr. Jekyll to Mr. Hyde, from an apostle of the art of Galen to a skilled and knowledgeable expert in substances which have undreamed of power in the field of healing. Progress has been swift—maybe too swift, in that there is as yet no complete understanding of the ultimate consequences of some new drugs.

Outstanding

As foreshadowed by the political prognosticators, Mr. Enoch Powell has departed from the Ministry of Health, taking with him into the wilderness a former holder of the office, Mr. Iain Macleod. Thus, after the short space of fifteen years of National Health Service, we make the acquaintance of our ninth Minister of Health. I wonder how many could name them? Thanks to a little historical research I am in a position to provide a complete list of the occupants of that office, but I must confess that without the records I should have been baffled. All, I think, could have named the late Mr. Bevan, who was Minister at the inception of N.H.S., and certainly no pharmacist is likely to forget Mr. Enoch Powell, whose contribution to the profession's well-being, if that is the word, has been outstanding for three years—and is still. But what of those who came between? They were, in chronological order, Marquand, Crookshank, Macleod, Turton, Vosper and Walker-Smith, and their tenure of office was, with the exception of Macleod, "swift as a shadow, short as any dream." One hopes that the newest of newcomers will succeed in making the word "negotiation" take on some of the meaning usually ascribed to it.

The apathetic

Addressing an area meeting in Durham recently, Mr. Tom Reid (a member of the Pharmaceutical Societys' Council) said that the problem was to find ways of reaching the apathetic 80 or 90 per cent. of the membership. The complaint has often been made, but I should have thought that, even while Mr. Reid was speaking, it would have been apparent that one way had already been found in the proposed increase in the retention fee. It takes a considerable degree of phlegm to ignore a bombshell of that description, though it is just possible that the prime purpose of the proposal was not to cure apathy. By the time these notes appear in print we should have a report of the special general meeting called to discuss the increase, and the occasion should provide an opportunity for those attending to air their apathy in public.

P.A.T.A. COUNCIL

Trading stamps "a form of price cutting"

HAVING noted warnings issued by the Pharmaceutical Society and the National Pharmaceutical Union to their members, against adopting stamp trading, the executive committee of the Proprietary Articles Trade Association circularised its manufacturer members seeking their views on the practice. The replies received were reviewed by the secretary (Mr. H. E. Chapman) at the Council's quarterly meeting in London on October 10.

He said that the majority of members were against the practice. Some had stated that they included in their conditions of sale a proviso that "no dividend discount or gift scheme, whether any of the same be in cash or kind, may be allowed" and considered that proviso to be sufficient to meet the case. Some had indicated their willingness, should the need arise, to include a reference to the non-distribution of trading stamps with sales of their price-maintained articles.

Stamp Trading Opposed

After discussion the secretary was directed to include in the October issue of the P.A.T.A. *Quarterly Record* a statement to the effect that the Council held stamp trading to be a form of price cutting and considered it desirable to draw the attention of manufacturers to the form of wording, covering trading stamps, that could be included in their conditions of sale and printed on their invoices.

The secretary was authorised to take the necessary steps in connection with the forthcoming council election (see C. & D., October 19, p. 409).

The Council received with regret the resignation, due to reorganisation within Johnson & Johnson (Gt. Britain), Ltd., of Mr. J. K. McPhie, a vice-president of the Association and chairman of the manufacturers' section. THE PRESIDENT (Mr. L. D. Smith) welcomed Mr. S. J. Desmond, who had been nominated by the company to represent it on the Council in succession to Mr. McPhie.

THE SECRETARY (Mr. H. E. Chapman) reminded the council that its last annual report had mentioned that many pharmaceutical and other organisations overseas had looked to the P.A.T.A. for information and advice on the impact of restrictive-practices legislation and its possible bearing on in their own territories. In that connection he had recently been visited by Messrs. Eric Scott, G. Hervey-Tennyson and Ross, of the Pharmaceutical Guild of Australia. Their inquiries had arisen because the Australian federal government had drafted a restrictive practices Bill which, if passed in its present form, would adversely affect pharmacy and the pharmaceutical industry. Mr. Scott and his party had expressed appreciation for help received. Similarly Mr. W. R. Cutler (secretary, P.A.T.A. of New South Wales) had thanked him for assistance received on the same proposed legislation.

From the United States Mr. Maurice Merney (director of the Bureau for the Advancement of Independent Retailing) had kept the secretary informed

of the progress in Congress of the Quality Stabilisation (Price Maintenance) Bill. His latest report indicated that prospects for the passage of the measure were good. Mr. Chapman also said he had met Mr. N. Prinsloo (chairman, South African Commission of Inquiry into Trade Licensing) who had recently visited London for information on British law affecting the distribution of various products, including medical or pharmaceutical. On his return to Pretoria, Mr. Prinsloo thanked the secretary for the information given to him.

Mr. Chapman reported that, during the previous quarter, the Association had made 388 calls on traders reported as price-cutters of manufacturer members' goods, and many test purchases. Over 100 letters had been sent to traders on behalf of and at the request of manufacturer members, and those representations had resulted in a considerable number of promises of price adjustment being received.

The council were informed that Phillips, Scott & Turner (division of Winthrop Group, Ltd.) had been granted a perpetual injunction (with costs) against China Craft (South Shields), Ltd. That had followed an interlocutory injunction granted in January 1963. An interlocutory injunction had been granted to Johnson & Johnson (Gt. Britain), Ltd., against Norman John Clark, trading as Spendright Supermarket and Instant Trading Discount. An undertaking-under-seal, executed by Shoppers Fair, Ltd., had been received by Messrs. Johnson & Johnson in consideration of their not pursuing proceedings commenced against Messrs. Shoppers Fair under section 25 of the Restrictive Trade Practices Act, 1956; the retailing company

had contributed towards the costs incurred in the matter.

The council noted that a letter had been sent by the secretary to Lord Ogmore (chairman of the Liberal Party Organisation) protesting about the statement in the Liberal Party programme "Partners in a New Britain" that it would "abolish resale price maintenance so that the great savings in costs possible in modern retailing can be passed on to the consumer in lower prices." and that at the Labour Party Conference at Scarborough on October 4, Mr. Ian Mikardo had said that the Government had not taken sufficient action to deal with monopolies and resale price maintenance and given a pledge that a Labour Government would reverse "the trend of the last decade." The council asked for a letter to be sent to the Newark Conservative Association, which had tabled a resolution for the Conservative Party conference urging "further legislation to extend the powers of the Restrictive Practices Court and the Monopolies Commission, with particular reference to resale price maintenance and similar agreements, and to the restrictive practices which are operated by organised labour."

Recommendations of the Executive Committee concerning the present rules and conventions governing admission to and membership of the manufacturers' section were endorsed by the council.

The secretary submitted a letter from Mr. Clifford Evans (chairman entertainments and excursions sub-committee, British Pharmaceutical Conference), expressing thanks to the council for its contribution to the Conference organisation by allowing Mr. C. C. Green (P.A.T.A. deputy secretary) to serve on the Committee.

It was agreed to hold the next meeting of the sections and full council on January 9, 1964.

SOUTH-EASTERN FEDERATION

A peep at the past

THE Elizabethan Barn at Tunbridge Wells provided an appropriate setting for a display of old herbals and similar valuable books covering a period of five centuries when the Federation of South-eastern Pharmacists met there on October 9 for their annual dinner meeting. Guest speaker was Mr. H. W. Pratley (a past-president, Antiquarian Booksellers' Association) from whose private collection the books were loaned. In his address on "The Apothecary and his World," Mr. Pratley described some of the interesting features of each volume in a manner which showed his love and wide knowledge of the subject. The oldest book, "Hortus Sanitatis" (1497), he believed, contained the very basis of early pharmacy, telling the doctor and apothecary what herbs, minerals and animals to use and how to prepare them for any specific complaint. The book contained over 1,000 woodcuts; one which he described—The apothecary and his pupils—could have been taken from life today. It showed the apothecary lecturing to pupils one of which was gazing out of the window. Among the 16th-century books was

"Secrets of Alexis," a book translated by Queen Elizabeth's physician, William Warde. This described many methods "to look a little younger, a little prettier than advancing years suggest." Among the herbals shown were a 1619 edition of Henry Lyte's "Translation of Dodoens"; others were by John Gerard, Nicolas Culpepper and William Westmacott (a scripture herbal addressed to clergy). A book, which today H.M. Stationery Office would have the exclusive rights to print, gave a list of drugs and chemicals with their respective import duties. From this it appears that aloes was charged duty at 1s. 6d. or 2s. 6d. per lb. according to source and refined borax at 2s. 8d. in 1657. Most colourful perhaps of all the books on show were volumes by William Curtis and the nineteenth century Woodville's "Medical Botany." Three other attractions of the evening were a display of medicinal plants arranged by the Federation's secretary (Mr. C. H. Brown) and loaned by Myddleton House; drug jars from the collection of Mr. G. S. Vernon, Pad-dock Wood; and brass pestles and mortars by the chairman.



A BIBLIOPHARMACOGNOSTICAL EVENING

AT THE ANNUAL DINNER MEETING of the FEDERATION OF

SOUTH EASTERN PHARMACISTS

"The Apothecary and his World"

GUEST SPEAKER: H.W. PRATLEY, Past President Antiquarian Booksellers Association, exhibited and discoursed on rare illustrated apothecaries' books covering five centuries.

held in the ELIZABETHAN BARN

Tunbridge Wells

9th OCTOBER 1963

"YOU MAY SMOKE, BUT I DON'T RECOMMEND IT"

MISS M. WALLIS
CHAIRMAN OF THE FEDERATION

TENDERED VOTE OF THANKS TO MR. PRATLEY

"AN EMULSION OF PHARMACISTS"

H.C. CHAPPELL
CROWBOROUGH.
Past Chairman TUNBRIDGE WELLS branch and present Chairman EAST SUSSEX PHARMACEUTICAL COMMITTEE

V.J. DOWSE
SECRETARY EASTBOURNE BRANCH

S.S. HOWARD
PRESIDENT BRIGHTON AND HOVE ASSN.

DR. E.W. SKYRME, HASTINGS

WHERE MY CARAVAN HAS RESTED

MARY (BURKITT) PUGH HAD A PREVIOUS ENGAGEMENT.

ARTIST'S IMPRESSION OF "FLAT ROTARY AERIAL"

GEARED UP FOR THE OCCASION

ORGANISED THE EVENING "CHAS" BROWN
SECRETARY OF THE FEDERATION

G.C. DUNCAN
SECRETARY HASTINGS BRANCH

DO IT YOURSELF DISPER SPARKS

A.H. CARTER
CHAIRMAN EASTBOURNE BRANCH

BEYOND THE SQUARE HORIZON
"MY FATHER'S A CUBE" - MISS CARTER

BEST WISHES TO ABSENT MEMBER.

JUST MARRIED

ON DUTY IN HASTINGS BUT AT THE MEETING IN SPIRIT.

FRANK PELHAM
HON. TREASURER OF THE FEDERATION

MISS L.L. PECK, A MAINSTAY OF THE BRIGHTON AND HOVE ASSOCIATION

Drug Legislation

SIR HUGH LINSTEAD AT A PUBLIC MEETING AT PORTSMOUTH

IT was necessary to get drug legislation separated from food and poison legislation, said Sir Hugh Linstead (a secretary of the Pharmaceutical Society), at an open meeting of the Portsmouth Branch of the Pharmaceutical Society on October 7, subject: "The Safety of Drugs." Sir Hugh told his audience of about 250, who included many medical practitioners, that antibiotics and sheep dips should not, legislatively speaking, be rubbing shoulders with one another. The new legislation should be administered under more professional pharmaceutical and medical advice than was available at present. He explained that the pharmacist and the doctor had the important public duty of warning that drugs were not without their dangers and could not be considered as household substances. When a new drug was introduced, there were two aspects of public safety to be considered: the toxicity of the drug and its therapeutic effectiveness. Acute toxicity was not difficult to ascertain, provided a sufficiently diverse number of animals were used in the tests. Chronic toxicity was almost impossible to determine until the drug had been tried out in many actual cases. Therapeutic efficacy, the next fence the manufacturer had to surmount, was difficult to assess objectively unless the tests were arranged in complete secrecy. Such tests raised the problem of "playing fair with the patient." Sir Hugh felt that, when new drugs were given to patients, they should know that the drugs were on trial. He hoped that some central advice could be made available on that difficult aspect of drug testing. It was possible, "and it may be a wise thing," that new drugs for a period should only reach the public on prescription, but that problem needed careful examination. Explaining why he could not agree with the majority of his colleagues of the Cohen Committee, he said he objected to a voluntary system of drug testing. Though he was aware that many manufacturers would join in the scheme because it had some inherent advantages to them, his view was that the 5 per cent. who would not do so would weaken the controls and might invalidate the machine, "creating the appearance of safety without ensuring it in reality."

Laws Sir Hugh Would Like

Describing the type of legislation he considered was required, Sir Hugh held that it must respect the freedom of the citizen who wished to treat himself, and must also respect the right of the doctor to decide what to prescribe for a patient. There was also a high duty of the State to see that sufficient information was available to the public and the doctor to enable them to exercise those rights. That implied controls on advertisements and on statements issued about medicines. The State should also protect the public against deterioration of drugs and bad workmanship. The necessity to

protect against fraud was hardly to be considered a current problem. Exploitation, however, was a subject to which the industry could give a little more thought. Some manufacturers apparently regarded the public as a market place that could be saturated by sales built up by advertising. His views had wavered, he confessed, on the question whether the State should have some interest in the advertising of drugs. When he had entered pharmacy many had been conscious of the evils of secret remedies, and the Pharmaceutical Society had prepared a report recommending action by the authorities. Nothing had been done but a little self-disciplining by the industry had resulted, and at the end of the 1914-18 war it seemed to him that the situation had been redeemed. Now he was not so sure.

No Medicines on Television?

Present problems included the toxicity of new drugs, the readiness of some manufacturers to exploit new products before statutory controls were introduced, and the power of modern advertising, "especially commercial television, which brought fear of illness into the home." "It may well be," said Sir Hugh, "that medicines should be left out of I.T.V." Although he was apprehensive about State controls and all that they implied, he felt that the problem was sufficiently urgent to require a new outlook. He wanted to see the new legislation channelled through the two Health Ministries working with one or possibly two professional advisory bodies. The legislation must be widely drawn to enable the Minister to act quickly whenever controls were needed. One section of the advisory body would have to deal with drug testing, the British Pharmacopoeia Commission, the T.S.A. advisory committee, and the Cohen Committee on classification. The other section would deal with drug distribution (including the inspection of factories) and with labelling requirements and advertising.

The responsibility for enforcing the legislation would, he thought, have to be divided, the Ministry of Health dealing with the manufacturers and the Pharmaceutical Society and its inspectorate controlling retail establishments. He saw no reason why that control should not include the control of Dangerous Drugs. There remained the vexed problem who should control hospitals and doctors' dispensaries. Since the inspectorate must have knowledge and be qualified, he thought it should be manned by pharmacists.

The proposed legislation was a streamlining of present law, and could not merely be drawn up by civil servants. It needed technical co-operation between the medical and pharmaceutical profession, and it was paramount that nothing should be done to prevent the introduction of new drugs nor to interfere with the right of the public to have access to them. The new legis-

lation had to provide a fairly substantial element of monopoly, a restriction that could only be justified if there were a pharmacist dealing with the public. The C.F. judgment, based upon the fact that the customer at the counter was generally dealt with by an assistant, had been disastrous.

Legislation, however, was not enough. Pharmacist and doctor must educate the public. The present situation showed that the pharmacist's place was more and more at the counter rather than in the dispensary. While he must, of course, be responsible for the dispensary, he should be more often seen at the counter, "... sometimes saying no to demands and not worrying what the other fellow down the street might do."

Asked whether he agreed with the fluoridation of water supplies, Sir Hugh said he thought the advantages outweighed the disadvantages or personal objections.

Another questioner said the speaker had referred to the desirability of controlling new drugs, but what was to be the position of the older drugs, such as aspirin, which was held responsible for cases of gastric haemorrhage. Sir Hugh thought that, by and large, if a drug had been in use for twenty years its dangers had become fairly obvious. He believed that the aspirin reactions occurred in a limited number of conditions or were due to excessive doses. The public should be made aware of the risks and could then decide if they wished to go ahead.

Asked what he thought about drugs being sold by grocers, Sir Hugh replied that most drugs should be sold to the public only in response to a demand, and only by someone who was able to discuss the "pros and cons" of the drug. "Read the judgment of the court in the Chemists Federation case and see the red light," he added. Pharmacists could only maintain their case if they could show that there was, in the chemist's shop, a superior barrier against abuse. "That is the challenge to pharmacists."

A Challenge Deflected

A member of the audience said most people would agree on the need for new legislation to control medicines, but he joined issue with Sir Hugh in his criticisms of the Cohen Committee recommendations. The new arrangements were flexible—a desirable feature in any new thoughts on drug control—and a prelude to forthcoming legislation. SIR HUGH disagreed. He pointed out that the recommendations created more confusion by adding another committee to those already controlling medicines. The industry only supported the recommendations when their own scheme had been turned down, and there would always be the 5 per cent. "at the wrong end of the scale" who would put a drug on the market without "going through the machine."

A vote of thanks to Sir Hugh was proposed by MR. N. FRANCIS.

IN PARLIAMENT

BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

QUESTIONS about experiments on living animals were raised by MISS J. M. QUENNELL to MR. C. M. WOODHOUSE (Joint Under-secretary of State, Home Department) on October 24. MR. WOODHOUSE in a written reply stated that during 1962 4,041,944 experiments were performed under safeguards prescribed by the Cruelty to Animals Act, 1876. Six inspectors administered the Act and two more were to be appointed. It had not been necessary to bring any prosecution under the Act during the last twelve months.

Resale Price Maintenance

MR. H. HYND asked the President of the Board of Trade whether he was yet able to make a statement following his study of resale price maintenance. MR. E. R. G. HEATH (President, Board of Trade) in a written reply on October 24 stated "No."

ANTIBIOTIC PATENTS

High Court refuses an interim injunction

IN the Chancery Court on October 29, Pfizer Corporation sought an injunction restraining D.D.S.A. Pharmaceutical, Ltd., Dr. M. C. Solomon, and his fellow director Mr. L. Kuperberg, from infringing its patents concerning tetracycline and oxytetracycline. Mr. Justice Lloyd-Jacob was told on behalf of Pfizer Corporation that there was no doubt the patent relating to tetracycline was being infringed, but the validity of the patent was challenged by D.D.S.A. For D.D.S.A. it was said that they did not seriously challenge the validity of the patent concerning oxytetracycline, but they denied infringing it. In an affidavit, Dr. Solomon stated: "D.D.S.A. are contractors to the Ministry of Health for the supply of tetracycline and oxytetracycline. If an injunction were granted, the effect would be that supplies of the antibiotics to the Ministry of Health and hospitals throughout Britain and to the Armed Services could not be maintained. The public at large would also be without supplies." The two antibiotics, tetracycline hydrochloride and oxytetracycline dihydrate sold by D.D.S.A. were imported and the company had now applied for compulsory supply licences in respect of them. It was claimed that the drugs fell within the specifications of the Pfizer patents. D.D.S.A. challenged the validity of the tetracycline patent on the basis of "prior publication"—the earlier publication in the United States of a manufacturing process called the Duggar process. Tetracycline was produced from that process. Mr. Frank Goulding (a Pfizer director), stated in an affidavit that the validity of the oxytetracycline patent had never been challenged in legal proceedings. Both antibiotics were the result of lengthy, expensive research and were of considerable value to Messrs. Pfizer. Dr. Solomon's affidavit stated that D.D.S.A. imported oxytetracycline from Milan and Warsaw. He maintained the manufacturing process was not described in the relevant Pfizer patent.

Hearing Aids

MR. K. ROBINSON was informed by MR. ANTHONY BARBER (Minister of Health) that the number of hearing aids of all types that were supplied in 1962 totalled 280,780 of which 249,059 were transistor aids.

Smallpox and Poliomyelitis Vaccination

MR. ANTHONY BARBER, in a written reply on October 24 gave LORD BALNEIL details of the percentage of children in each local health authority area that had received smallpox vaccination and poliomyelitis immunisation. He also indicated that the number of children under two years of age vaccinated in 1962, expressed as a percentage of the live births in 1961, amounted to 70 per cent. It was estimated that 83 per cent. of the persons under twenty years of age at December 31, 1962, had been immunised against poliomyelitis.

D.D.S.A. obtained the other antibiotic from an Italian manufacturer. The Duggar process amounted to a prior disclosure of the existence of tetracycline, and Pfizer had been wrongly granted a patent in respect of the drug, the affidavit went on. The hearing was adjourned until October 30, when Mr. Justice Lloyd-Jacob said that, as D.D.S.A. had applied for compulsory licences, there was no reason to doubt the genuineness of the application and it would be contrary to the purpose of the Patents Act to grant an interim injunction. The application was therefore refused.

COMPANY NEWS

Previous year's figures in parentheses

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Lord Amory has been elected a non-executive director.

PC PRODUCTS (1001), LTD., Swinton Manchester.—Mr. H. C. Goodwin has been appointed to the board as assistant managing director.

ABBOTT LABORATORIES (U.S.) and **G. D. SEARLE & CO. (U.S.)**.—Contemplated merger of the two companies (see *C. & D.*, August 3, p. 107), has been called off. Heads of both companies now state that hoped-for economies would be "extremely difficult" to achieve.

SANITAS TRUST, LTD.—Interim dividend is maintained at 15 per cent. for the year ended March 31, on capital increased by a one-for-10 scrip issue. The board reports that sales and profits show a satisfactory increase for the first six months of the current year over the comparable period for last year.

FISONS, LTD.—Group trading profit and investment income for year ended June 30 is £3,078,079 (£2,710,071), after depreciation and interest charges totalling £2,587,439 (£2,370,058). Tax takes £1,741,869 (£1,125,451) and minority interests, £36,638 (£80,614), leaving the

net profit £204,434 lower at £1,299,572. Ordinary dividend recommended is unchanged at 10 per cent.

FARBENFABRIKEN BAYER A.G., Leverkusen.—Group turnover for 1963 is expected to be 10 per cent. higher than last year at about DM4,400 millions, and that of the parent company 9 per cent. higher at DM3,600 millions. In the first nine months of 1963 group turnover was DM3,290 millions or 10 per cent. higher than in the corresponding period of last year. A further fall in prices of about 3.9 per cent. so far was reflected in a rise in output of 14.5 per cent. during the first nine months. The rate of exports had risen more steeply than that of domestic sales; it improved by 14.8 per cent. and brought total exports to 48.5 per cent. of turnover. The chairman (Dr. K. Hansen), giving those facts, said profits had risen satisfactorily so far and salary and wage increases had been absorbed.

NEW COMPANIES

C. & J. BYRNE, LTD. (P.C.).—Capital £100. To carry on the business of laboratory supplies, etc. Directors: Charles N. Hillier and John H. Howell. R.O.: 172 Brownhill Road, London, S.E.6.

DUNCAN'S CHEMISTS (IRTHLINGBOROUGH), LTD. (P.C.).—Capital £1,000. To carry on the business of chemists, and importers and exporters of chemicals, etc. Subscribers: Roland A. Evans and Janet M. Penn. R.O.: 7 Station Road, Irlthlingborough, Northants.

HENRY LEGRAIN, LTD. (P.C.).—Capital £5,000. To carry on the business of manufacturers of and dealers in cosmetics, etc. Subscribers: L. Hopmeier and Yolande Hopmeier. R.O.: Ramsden Road, S.W.12.

PERKS MEDICAL STORES, LTD. (P.C.).—Capital £10,000. Directors: Edward T. Perks, John B. Howell and Frederick T. Raines. R.O.: 69 Temple Row, Birmingham, 2.

QUAKER CHEMICAL, LTD. (P.C.).—Capital £36,000. To carry on the business of manufacturers of and dealers in chemical products, etc. Subscribers: A. L. Jones, Kinross, West Farm Avenue, Ashted, Surrey, and Elizabeth M. Rowe

SURGEX OF COVENTRY, LTD. (P.C.).—Capital £100. To carry on the business of chemists, etc. Directors: Geoffrey N. Jackson and Rita B. Jackson. R.O.: 26 Warwick Row, Coventry.

BUSINESS CHANGES

REMINGTON ELECTRIC SHAVER, LTD., 26 Kensington High Street, London, W.8, announce that their Manchester and Newcastle service showrooms have now moved to new premises at 261 Deansgate (telephone: Blackfriars 3087) and Market Chambers, Market Street (Newcastle 22244) respectively.

THE business of Freemans (Chemists and Opticians), Ltd., 62 George Street, Altrincham, Ches., has been closed down following the sale of the property. Mr. B. Freeman, who recently underwent a major operation, is still in Altrincham Hospital. All matters connected with the business are being attended to by the secretary, 3 Shaws Road, Altrincham.

Appointments

UNICHEM, LTD., have appointed Mr. W. F. Norris a representative based on their Midlands depôt at Pool Road, Nuneaton. Mr. Norris was for thirty years with Southall Bros. & Barclay, Ltd.

ARMOUR PHARMACEUTICAL CO., LTD., Hampden Park, Eastbourne, Sussex, have appointed Mr. B. W. Aldridge, B.Pharm., M.P.S., their representative for the South-west and South-east London areas; Mr. T. M. O. Lister for the London Teaching Hospitals and Mr. T. G. Morgan for South Yorkshire.

Teaching Appointments

SCHOOL OF PHARMACY, Bristol College of Science and Technology.—Dr. R. J. Ancill has been appointed reader in pharmacology. He graduated in medicine from Bristol University after considerable previous experience as an industrial chemist. Latterly he has been lecturer in pharmacology, Welsh National School of Medicine.

Dr. M. R. W. Brown, now senior lecturer in microbiology, graduated from Manchester University and was subsequently a staff demonstrator whilst reading for M.Sc. After spending two years as a school teacher, he joined the University of London School of Pharmacy as an assistant lecturer, and obtained his Ph.D. During the last twelve months he held the post of a Research Associate at the University of Florida with Dr. E. R. Garrett, working on mode of action of antibiotics. Results of that work were presented both at the American Pharmaceutical Conference in Miami this year, and at the B.P. Centenary Conference.

Mr. G. S. Riley, now assistant lecturer in pharmaceuticals, graduated from Bradford in 1952. He was chief pharmacist to the Government of Zanzibar for three years and subsequently lecturer-in-charge of pharmaceuticals at the School of Pharmacy, Zaria, N. Nigeria.

OVERSEAS VISITS

MR. H. TREVES BROWN (head of the overseas operations, The British Drug Houses, Ltd., and director for personnel), left London on October 23 for a three-week trip to Canada and the United States. He is visiting the company's Canadian subsidiary, B.D.H. (Canada), Ltd., of which he is chairman, to discuss an investment in new building work to meet the expansion of the company. He will also go to Evansville, the headquarters of Mead Johnson & Co. (which has a shareholding in B.D.H.) for discussions with the president of Mead Johnson International (Mr. Reginald McCrow).



PERSONALITIES

DR. T. D. WHITTET, who is chief pharmacist, University College Hospital, London, has been elected a member of the New York Academy of Sciences.

MR. A. COUSINS, who has been head of the finance and administration division, Smith Kline & French Laboratories, Ltd., Welwyn Garden City, since mid 1961, has been transferred to the parent company in Philadelphia, U.S.A. as co-ordinator of corporate planning, international division.

MARRIAGES

COOK—DOWNIE.—At St. David's and St. Andrew's Church, Kirkintilloch, Glasgow, on October 22, David Cook, C.A., 42 Gallowhill Road, Kirkintilloch, to Margaret Mary Downie, M.P.S., Kirkstyle, Kemnay, Aberdeenshire.

COOKE—JONES. — At Nantwich, Ches, Parish Church on October 9, Geoffrey Cooke, M.P.S., Congleton, Ches, to Elizabeth Ellen Jones, Nantwich.

KELLY—REX. — At Aberdulais, Neath, Glam, Baptist Chapel, recently, Stephen Robert Kelly, M.P.S., 11 Min-y-Coed, Glynneath, Neath, to Anne Rex, S.R.N., S.C.M., 5 Mount Pleasant, Tonna, Neath.

DEATHS

BENJAMIN.—On October 28, Mrs. Ann Benjamin, 38 Canbury Court, Lower Ham Road, Kingston-upon-Thames, Surrey. Mrs. Benjamin, who was in her sixty-fourth year, was the widow of the late Mr. William Sidney Benjamin, M.P.S.

DOWTY.—On October 15, Mr. E. J. Dowty, former chairman and managing director of H. R. Napp, Ltd., Commerce Way, Lancing, Sussex. Mr. Dowty retired in 1960 after thirty-two years' service with the company. He was at one time chairman of the former Ethical Pharmaceutical Association.

FLEMING. — Recently, Mr. Jack Fleming, M.P.S., c/o 7 London Street, London, W.2. Mr. Fleming qualified in 1925.

GRIFFIN.—On June 24, Mr. John Shaw Griffin, M.P.S., 41 Richmond Road, Olton, Solihull, Warwicks. Mr. Griffin qualified in 1929.

HOBSON. — On October 18, Mr. Frederick Joseph Hobson, M.P.S., 54 Falsgrave Road, Scarborough, Yorks. Mr. Hobson, who qualified in 1924, was secretary of the North Riding Pharmaceutical Committee from the inception of the National Health Service. During 1957-58 he was chairman of the Scarborough Branch of the Pharmaceutical Society and before 1955 was its secretary.

JOHNSON. — On October 15, Mr. Charles Henry Johnson, M.P.S., Pendle House, Twiston, Downham P.O., Lancs. Mr. Johnson qualified in 1926.

NORMAN. — On October 19, Mr. Cecil Norman, M.P.S., 15 Montpellier Walk, Cheltenham, Glos. Mr. Norman qualified in 1905.

PATEL.—On August 23, Mr. Suryakant Ramanlal Patel, M.P.S., P.O. Box 8300, Mombasa, Kenya. Mr. Patel qualified in 1957.

RAYNER.—Recently, Mr. Charles Rayner, M.P.S., 1 Bulstrode Way, Gerard's Cross, Bucks. Mr. Rayner qualified in 1901.

STRINGER.—On August 23, Mr. George Ernest Stringer, M.P.S., 47 Egerton Road, Davenport, Stockport, Ches. Mr. Stringer qualified in 1916.

TAGAN. — On October 21, Mr. Charles Tagan (managing director, the D.D.D. Co., Ltd., 94 Rickmansworth Road, Watford, Herts). Mr. Tagan began his business career as an accountant. After experience with an advertising agency he joined Pepsodent, Ltd., rising to become advertising manager. He went next to Tokalon, Ltd., for a short period and then joined Stablond Laboratories, Ltd., as managing director, continuing there until he accepted a similar post with the D.D.D. Co., Ltd., in 1948. There he was largely responsible for the transfer of the company from London to Watford and for the subsequent extension of its activities. Mr. A. E. Embleton (director, the D.D.D. Co., Ltd.), writes:—A typical Englishman, Mr. Tagan was a keen cricketer in his youth and always followed the fortunes of the English Test team with eager interest — he yet travelled extensively to supervise the export activities of his companies. . . . Although a man of strong determination and great business acumen, he was admired for his invariable charm and courtesy. He was well known and well liked in the proprietary, toiletry and advertising fields, and will be much missed by his numerous friends. He is survived by his widow, a daughter and four grandchildren.

WORLD TRADE

South Africa and Metric System.—A metric system committee in South Africa have recommended that the Republic should adopt the metric system of measurement so soon as possible. The chairman of the committee (Professor T. H. Louw) said recently that the introduction of the system would have tremendous and far-reaching economic effects on South Africa. (South Africa adopted a decimal monetary system some two years ago.)

Indian Patents Laws. — The Indian Government, which is considering amending its patents laws so that no new patents will be allowed for drugs, pharmaceuticals and processed food articles, has been advised by two bodies, so far, not to take the step. First was the Federation of Indian Chambers of Commerce and Industry which stated that the measure would complicate unnecessarily India's relations with foreign business interests and secondly the Development Council for the Drugs and Pharmaceutical Industry (a semi-official advisory body). The Council in its annual report said that India would be unable to keep up with the rest of the world if it shut out the resources of the more advanced countries. Restriction of patents and royalty payments would only hamper foreign trade, the report adds.

TRADE NOTES

Price Correction.—Sangers, Ltd., 258 Euston Road, London, N.W.1, point out that the trade price per doz. of Rose Glymiel is 15s. 4d. and not as stated in a recent advertisement.

Distribution Change.—The distribution of Femfresh disposable cloth tissues (makers: Green, Young & Co., Ltd., Charlotte Street, London, W.1), has been taken over by Anestan, Ltd., 6 Albemarle Street, London, W.1.

Nationally Launched.—Peter Dixon Group, who market to chemists through Bronco, Ltd., Atlas Works, Berkshire Road, London, E.9, have extended the distribution of their Dixcel toilet tissue throughout the remainder of the United Kingdom except Northern Ireland. Distribution is not being undertaken at present in the Irish Republic.

Again Available.—Owing to continued consumer and trade demand Richards & Appleby, Ltd., York House, Westminster Bridge Road, London, S.E.1, sole distributors in Great Britain of Schick stainless double edge blades, announce that packets of three blades are again available and at a reduced price. The reduction is not being advertised to the public until November 25 but is available to the trade now.

Balloons with Soft Drink.—Beecham Foods, Ltd., Great West Road, Brentford, Middlesex, are again promoting the sales of Quosh (bitter lemon, lemon, lemon barley, lime and orange) with "give-away" balloons. Since October 15 all bottles of Quosh delivered to the trade have had attached to them a paper packet containing two 10-in. balloons. The packet has been designed in bright colours to give maximum impact.

Nationally Distributed.—Following extensive test marketing in the Midlands, International Chemical Co., Ltd., 12 Chenies Street, London,



rheumatic tablets with a 48-tablet pack at a new price. The manufacturers describe the change as enabling sufferers to obtain a longer and more effective treatment from the initial purchase and as reducing the cost per tablet.

List Changes.—ALLEN & HANBURY, LTD., Bethnal Green, London, E.2, announce a price reduction in their pack of 500 4-mgm. Piriton tablets. Chemists are invited to supply details to the manufacturers of stocks of the pack held at the close of business on November 2, so that suitable allowance can be made.—Messrs. Allen & Hanburys also advise that they have obtained the approval of the Customs and Excise authorities to market a 2-litre bottle of Pirix in the form of a tax-free dispensing pack.

Discontinued.—IMPERIAL CHEMICAL INDUSTRIES, LTD., pharmaceuticals division, Alderley Park, Macclesfield, Ches, announce that the 250-lozenge pack of Hibitane is no longer available.—THOMAS KERFOOT & CO., LTD., Vale of Bardsley, Ashton-under-Lyne, have discontinued the issue of codeine phosphate pastilles, bulk and packed.—WILLIAM R. WARNER & CO., LTD., Eastleigh, Hants, have discontinued Tedral enteric coated tablets.—ALLEN & HANBURY, LTD., Bethnal Green, London,

E.2, announce the 20 fl. oz. pack of Euvalerol M has been discontinued.

A Manufacturer's Address.—Many copies of this week's issue of THE CHEMIST AND DRUGGIST include an obsolete address in an announcement by John Wyeth & Brother, Ltd. The advertiser telephoned a correction while the machines were still running, and the correct address—Taplow, Maidenhead, Berks—appeared on all subsequent copies. Unfortunately nothing could be done about those sheets which were already printed, and any subscriber whose copy contained the incorrect address is asked to make the alteration himself.

Bonus Offers

CARE LABORATORIES, LTD., 161 New Bond Street, London, W.1. Care hand cream. Twelve for (approximate) price of eleven. Until November 30.

COMMERCIAL DRUG AND CHEMICAL CO., LTD., 190 Stamford Hill, London, N.16. McClung's Vi-tabs. Six packs invoiced as five. Until November 30.

RICHARDS & APPLEBY, LTD., York House, Westminster Bridge Road, London, S.E.1. Schick stainless double edge blades. In packet of three: Twelve invoiced as ten. In "dispenser" pack of five: Twelve invoiced as eleven. Until November 30.

SCOTT LABORATORIES, LTD. (an associate company of Akos Chemicals, Ltd., 519 Cambridge Heath Road, London, E.2). Lager-beer shampoo sachets. Forty-two invoiced as thirty-six.

JOHN WYETH & BROTHER, LTD., Taplow, Maidenhead, Berks. Algipan balm. Fourteen invoiced as twelve, on minimum of 3 doz., in return for counter or window display. Until November 30.

INFORMATION WANTED

The Editor would appreciate information about:
Sleecol

MANUFACTURERS' ACTIVITIES

A New Factory.—The chairman of the local urban council recently formally declared open a new factory for Dreamland Electrical Appliances, Ltd., at Tower Street, Brightlingsea, Essex. The unit will supplement the electric blanket production of the company's Hythe, Southampton, works.

Overseas Doctors Honoured.—Five doctors, holders of Smith & Nephew medical fellowships (established in 1962 to enable outstanding doctors and surgeons from Commonwealth and developing countries to continue their post-graduate studies for a year in

Britain) were the guests at a reception at the Group's research headquarters at Gilston Park, Harlow, Essex, recently. The visit concluded with a tour of the research laboratories.

Cruise for a Chemist.—Mr. D. M. Owen, M.P.S., Rye Road, Hoddesdon, Herts, who sold a Style home perm to the winner of a contest organised recently by Richard Hudnut, Ltd., Eastleigh, Hants, won for himself tickets for a 17-day cruise on the S.S. "Hermes," calling at Italy, Greece, Lebanon, Syria and Cyprus, plus £100 spending money.



W.C.1, are extending the distribution of their Glomax tablets throughout the country. Active ingredient is choline theophyllinate, and the tablets are claimed to have proved effective in the relief of bronchitis and asthmatic attacks. Heavy Press and television advertising has been booked.

A Change of Size.—After investigations, British Chemotheutic Products, Ltd., Bradford, Yorks, manufacturers of the Chilvax range of rheumatic preparations, have decided to supersede their thirty-tablet pack of Chilvax



NEW CHEMICAL LABORATORIES: New technical buildings at Harrogate, Yorks, for Associated Chemical Companies, Ltd., inaugurated on October 23, house the company's research, central technical and engineering departments and technical sales service laboratories. The buildings, which form part of a centralisation scheme, have a floor space of 25,000 sq. ft., and will cost £420,000. They are being mainly financed by the sale of older dispersed premises.

NEW PRODUCTS AND PACKS

Tablets Against Neuralgia.—Geigy Pharmaceutical Co., Ltd., Roundthorn Estate, Wythenshawe, Manchester, 23, are making available through normal trade channels from November 4 a new speciality Tegretol (R) (G 32.883). The product is claimed to be an effective therapeutic agent in the treatment of trigeminal neuralgia. It is available in container of 100 white, scored, compressed tablets, each containing 200 mgm. of 5-carbamoyl-5H-dibenz(b,f)azepine.

Oral Contraceptive Tablets.—Organon Laboratories, Ltd., Crown House, London Road, Morden, Surrey, announce the introduction, under the name Lyndiol, of oral contraceptive tablets, each containing 5 mgm. of lynestrenol (17 α estinyl - 17 β -hydroxy oestra-4-ene) and 0.15 mgm. of mestranol (3-methoxy-17 α ethinyl 17 β -hydroxy oestra-1-3-5(10)-triene). The tablets are supplied in wallet with directions, and day-to-day check of administration. Each wallet contains twenty (a month's course).

For Treatment of Vertigo.—What is described as a new nutritional approach to the treatment of certain types of neurosensory deafness and vertigo associated with Menière's syndrome is being issued under the name Lipoflavonoid capsules, by Lewis Laboratories, Ltd., Knowsthorpe House, Knostrop Lane, Leeds, 9. Each capsule contains choline bitartrate, inositol and methionine with lemon bioflavonoid complex and vitamins. Advocated dosage is three capsules three times a day. The packs are of 100 and 500.

Hæmostatic Agent.—Baxter Laboratories, Ltd., London Road Trading Estate, High Wycombe, Bucks, are marketing, under the name Dicynene, a new hæmostatic agent of chemical origin for the prevention and treatment of hæmorrhage due to small-vessel rupture. The product may, it is understood, be used prophylactically before or during surgery and has also been used to treat bleeding disorders. Each tablet or ampoule contains 250 mgm. of cyclanamine (diethylammonium 1,4 dihydroxy 3 benzenesulphonate). The packs are a bottle of 100 tablets and a container of six ampoules.

New Foods for Infants.—H. J. HEINZ CO., LTD., Harlesden, London, N.W.10, announce the addition of Junior bone and vegetable broth and Junior buttered carrots, each in 4½-oz. pack, to their range of Junior foods.—TRUFOOD, LTD., 113 Newington Causeway, London, S.E.1, have added a new meat variety to their Spoonfoods range of foods for babies. Strained and homogenised, the new "tongue dinner" is claimed suitable for the earliest stages of mixed feeding. Prepared from tongue and vegetables, it is ready-cooked. The pack is a glass jar sealed with metal "pry-off" cap.

Nationally Advertised Tonic.—Ashe Laboratories, Ltd., Ashetree Works, Kingston Road, Leatherhead, Surrey, have booked a £20,000 advertising campaign for Eade's tonic (contents: vitamin B₁, caffeine, calcium, magnesium and potassium glycerophos-

phates and strychnine hydrochloride in flavoured sweetened base). The pack is an 8-oz. bottle in carton.

A New Fragrance.—Cyclax, Ltd., 65 South Molton Street, London, W.1, have launched a new fragrance, *Nuit d'Or*, in skin perfume, bath powder and soap.

A New Eye-liner.—Guerlain, Ltd., 22 Aintree Road, Perivale, Greenford, Middlesex, have added to their list an eye-liner in black, brown, marine blue, steel grey and moss green.

Lager Beer Shampoo.—Scott Laboratories, Ltd. (an associate company of Akos Chemicals, Ltd., 519 Cambridge Heath Road, London, E.2) are marketing a new lager beer shampoo in display carton holding forty-two sachets.

Perfume Range Extended.—The range of Aphrodisia perfumery products introduced to this country in May by Michael Denham, Ltd., Brentford, Middlesex, has been increased by the addition of a perfume spray ("an elegant aerosol in a Cellini silver plated



oval case with no cap to remove before use"), bath powder ("a smooth textured body talc with the lasting bouquet of the perfume"), and a men's talc. A fourth newcomer to the Faberge collection is Woodhue men's lotion, an after-shave and after-shower lotion in leather-capped cylinder.

Popular-priced Cosmetics.—Rimmel, Ltd., 62 Baker Street, London, W.1, draw attention to four new products they are marketing: Lanolin cream shampoo and medicated liquid shampoo (each three sachets in carton); eye make-up remover pads and face make-up remover pads (each seventeen pads to a tin).

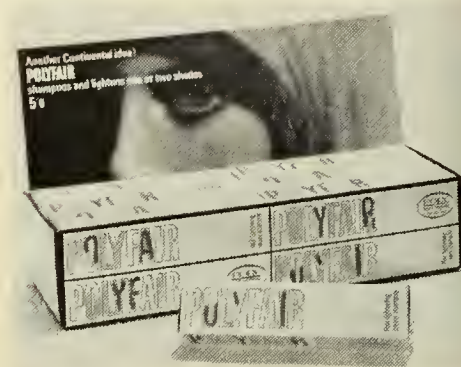
A New Luxury Perfume.—Coty (England), Ltd., 3 Stratford Place, London, W.1, have launched a new floral perfume in the luxury range. It is called *l'Or* and is being imported fully packed from France. It combines the fragrances of roses and jasmine, and is presented in a Baccarat crystal flacon in a lemon and white moiré casket. Also available in the fragrance is a *parfum de toilette*.

Eyeshadow Stick.—Lentheric, Ltd., 17 Old Bond Street, London, W.1, have added to their cosmetic range a light-textured eyeshadow stick that distributes the colour evenly. The colours are turquoise ("a good shade for any colour eyes") and silver turquoise; blue ("a soft speedwell shade") and silver blue; lilac ("a shadow that does not go pink on the lids") and silver lilac; green ("a clear jade") and silver green.

In Redesigned Container.—Mondart, Ltd., Berkeley Square, London, W.1, are now issuing their Linda Lee hair spray in 6-oz. pressurised container with black cap and label in black, lilac and blue and to an improved formula. The product is perfumed and non-sticky. It does not contain shellac.



Hair Lightening Cream Shampoo.—Latest addition to the Poly continental range of hair colouring products mar-



keted by the Lambert Chemical Co., Ltd., Eastleigh, Hants, is Polyfair, a hair lightening shampoo described as being much milder than Polyblonde. It is issued in a green and white pack and a counter display unit holding one dozen packs is available.

In Redesigned Packs.—Harmony hair colourants are now being issued by Gibbs Pepsodent, Ltd., Hesketh House, Portman Square, London, W.1, in tubes, each containing 20 gm. Seven shades



are in the range (honey blonde, gold brown, natural brown, chestnut brown, auburn, golden chestnut, and raven black). All combine shampoo, conditioner and colourant. One application is understood to last through six to eight shampoos, depending on the type of hair.

A Hand Cream from Norway.—James, Samuel & Co., Ltd., 56 Fairfield Street, London, S.W.18, are distributing in Britain a Norwegian hand cream, Glycinello. Formulated originally by the manufacturers at the request of the Norwegian Government to

help fishermen who complained of the bad state of their hands from working in arctic conditions. the cream has been modified by being perfumed and reissued for general use. The pack is a tube. Messrs. James, Samuel are also the sole importers of Suzy cosmetic pencils in sixteen colours; Suzy propelling pencils (black and brown); eye-liners (three shades of lip contour); and refills for the propelling pencils.

A Decongestant Cream.—Newbery & Phillips, Ltd., Farleigh Place, London, N.16, have introduced, under the trade mark Breathe, a greaseless, stainless “pearly white,” water-soluble decongestant cream. The cream may be rubbed



on to the affected part or dissolved in boiling water for quick relief from nasal congestion. The product is being advertised at first only in the Tyne-Tees television area. The pack is a plastic jar containing 1¼ oz. sent out twelve to a display outer.

Cosmetics for the Party Season. — Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1, announce the issue of products giving “the silver bronze look.” The range comprises lip-stick (“a glowing, tawny lip colour, combining all the glorious shades of Autumn”), eye liner (bronze liquid eye Shado) and new shade (sun beige) of Veiled Radiance.

Cosmetic Purses.—The three items illustrated are part of a range of cosmetic purses and evening pochettes by



Kleinerts Rubber Co., 91 New Bond Street, London, W.1. The range comprises eight styles. Made from satinised rayon, the pochettes are in floral and abstract patterns in various exquisite colourings. All are lined with white plastic.

In Crush-proof Case.—F. & G. Turnpenny, Ltd., 41 Dover Street, London, W.1, announce the introduction of a new model, in crush-proof all-steel case, of their Triplex electric shaver. The

new Triplex has matching flex and head protector. A bayonet adaptor is included.

Kneecap for Footballers.—A kneecap introduced specially for football players by Scholl Mfg. Co., Ltd., 182 St. John Street, London, E.C.1, is stated to pro-



vide at an economy price the kind of support wanted on the football field. Its compression and firm support are claimed superior to those usually associated with National Health Service elastic yarn. The sports kneecap is produced in small, medium and large sizes, packed singly in carton and display outer.

Stainless Injector Blade.—Ever-Ready Razor Products, Ltd., 26 Bedford Row, London, W.C.1, announce the release of a new Pal stainless steel injector blade. “Never before,” they



claim “has it been possible to shave so closely, so comfortably, so quickly and so efficiently with an injector blade.” The blades need no drying and fit any injector razor. They are issued on display card containing a magazine of

five blades and as a counter display unit containing twelve individually carded magazines. The Pal stainless steel adjustable injector razor is now being issued in a new case, and contains five new Pal stainless steel injector blades.

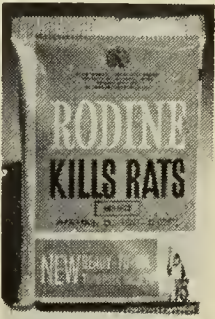
Washing-up Liquid.—William Edge & Sons, Ltd., Bolton, have added to their range of Drummer household products a washing-up liquid in attractively designed pack. The product was launched in a three-month Northern television campaign during September, and the campaign was introduced by Sir Knowles Edge himself in a 60-sec. “commercial” at the outset of the campaign.

A Range of Torches.—The first new range of torches to be marketed by Vidor. Ltd., Erith, Kent, for eight years is being launched as the Vidoray range. The range is being introduced in stages, commencing with three smartly-styled flashlights of ribbed chromium-plated brass—the 10-in.



CN9003 powered by three V2 1½-volt mono batteries, the 8-in. CN9002 (two V2's) and the 6½-in. CN9001 (two V11 1½-volt baby batteries). Each torch is being retailed in its own carton in red, white, blue and black, and stockists are being supplied free with a stand-up counter or window display in the company's house colours.

Baits in Sachets.—Rodine warfarin rat and mouse baits, marketed by Rentokil, Ltd., are now packed in brightly coloured and moisture-proof sachets to protect the contents. Rodine mouse warfarin has now a double - strength warfarin content (0.5 per cent). to ensure that mice, who are erratic feeders, receive a lethal dose. In use, a corner is cut off the sachet and the bait sprinkled cut off the sachet and the bait sprinkled in small piles wherever there are signs of mice. Each sachet contains 4 oz. of bait (“enough to kill eight mice”). The Rodine rat sachet (warfarin content 0.25 per cent.) need never be opened, for rats will gnaw through to see what is inside, feeding themselves to death. The sachets are placed in or near rat holes or wherever there are signs of rats. Each sachet contains 4 oz.



Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Dwindling Margins

SIR,—I wish to draw to the notice of your readers yet another example of the disappearing profit margin. Two new products—a cold remedy and beauty bath—are being introduced by the associate of an “ethical” house at discounts as low as 25 per cent. The latter product also bears purchase tax. Every retailer should take action today to bring to this company’s notice that the terms are completely inadequate. Let us forget the bonus and first examine the standard trade price before we support such products.

NORMAN SAMPSON,
Melton Mowbray

To Special Order

SIR,—I had an unusual experience this week which I am sure would cause some amusement to your readers. I was presented with an EC10 form prescribing—30 Tab. Furamide (Boots) i tds. pc. I told the customer I did not stock the item and referred him to a nearby Boots branch, and he replied that he had been there but they “didn’t stock these!” I ordered 2 x 15 size through a wholesaler and the item arrived next morning by post from Nottingham. I am now waiting for the invoice to find if they have charged me postage for this service.

A. H. PARKER,
London, N.3

Direct Discounts

SIR,—How much notice will be taken by manufacturers of the resolution passed by the Northern chemists’ conference at Durham (C. & D., October 19, p. 412), deprecating “. . . the tendency of manufacturers to offer direct

discount terms . . .”? Little or none, I should think. Retailers will have learned by now that (with few exceptions) their interests come a poor second to the manufacturers’ own interests where sales policy is concerned. The wholesalers’ interests do not, of course, even get a place. In these days of fierce competition, the comprehensive wholesaler knows that he must give his retail customers the prompt, efficient, regular and reliable service which they require and expect, or lose their business to a competitor. He accepts that as fair competition, and, to do his job properly, he looks to the manufacturers for their co-operation. In many cases he looks in vain. There are, of course, some manufacturers who co-operate, rather than compete, with the wholesaler, but the attitude of too many can be summed up as “Don’t expect any sales support from us. We are going to compete with you in every way possible. We are going to persuade the retailer to buy direct from us by filching 5 per cent. or 10 per cent. of your wholesale discount and offering it to the retailer as part of our ‘direct’ terms. That will cost us less than giving you your customary wholesale discount. We shall expect you to take into stock all new lines we introduce and get them going for us, but, as soon as they are established, we couldn’t care less about you. You can supply the urgent, the unusual, the out-of-the-way. But hands off the big stuff! We want that ourselves; you must be content with our leavings.” Relations between wholesaler and retailer are close and cordial. They face largely common problems and have largely mutual interests. The

wholesaler realises that the private chemist is the foundation of his business; that the retailer also appreciates the wholesaler’s worth is amply shown by the resolution mentioned above. It also seems clear that retailers realise that the actions of some manufacturers are a real threat to the continued existence of independent wholesalers, and that retailers would be the first to suffer if wholesaling were to become merely an offshoot of large manufacturing combines. Retail chemists can hardly be blamed for wanting to save £5-odd on, say, a £50 antibiotic “direct” parcel. But it is to be hoped that they realise that the manufacturer is not being magnanimous and parting with £5; he is actually saving more than £5 wholesale discount. How long will it be before oncost is calculated on those reduced “discount” prices? “WOESALER”

PRESCRIPTION POSER

*Very dangerous . . .
offering 2 or 3 . . .
'g*

THE pharmacist who received the prescription reproduced above had to put through two telephone calls to find out what he was intended to dispense.

Pharmaceutical Society of Northern Ireland

MONTHLY MEETING OF COUNCIL

MR. Norman C. Cooper was elected *President* of the Pharmaceutical Society of Northern Ireland at the monthly meeting of Council held in Belfast on October 17; Mr. A. T. Hardy was elected *Vice-president*, and Mr. R. M. Watson was re-elected *Treasurer*. Mr. Cooper’s appointment was proposed by the outgoing president (MR. D. MOORE) who paid tribute to the excellent work Mr. Cooper had done for the Society in the field of education. MR. W. C. TATE seconded and Mr. Moore invested the new president with the chain of office. MR. TATE and other members paid tribute to the enthusiastic manner in which Mr. Moore had looked after the affairs of the Society during his term of office. MR. COOPER, presenting to Mr. Moore a past-president’s badge, said he had seen the fulfilment of a dream during his tenure—a new hall in the Society’s premises, as well as office renovation and reconstruction.

Several references were made during the meeting to the Council’s publicly declared decision to withdraw recognition of the pharmacy department of Belfast College of Technology by the end of the next academic year if facilities and accommodation for students were not improved. A letter was received from the deputy director, Belfast Education Authority, stating that tenders were being invited for alterations and additions to the pharmacy department in the

College, but adding: “If there is a possibility of recognition being withdrawn it may be necessary to reconsider the position. I suggest therefore that some members of your Council come along and meet me to discuss the matter.” The Council agreed to a meeting between a deputation from the Council and representatives of the education authority, the meeting to take place in the Society’s premises. Another letter from the education authority stated that the appointment of a representative of the Society to the board of governors of the College was under consideration.

Two letters from the British Broadcasting Corporation were read regarding the Council’s protest about an item on the doping of horses that had recently appeared in “Sportsview.” The letter from the London television centre stated that no derogatory inference was implied or intended against pharmacists.

It was agreed to grant the Associates’ section of the Ulster Chemists’ Association the use of the new hall for its annual meeting on November 7. The application of Edward Webb, 96 Elmwood Drive, Bangor, co. Down, for the restoration of his name to the register of pharmaceutical chemists was granted.

Present at the meeting were Messrs. D. Moore, N. C. Cooper, R. M. Watson, W. H. Boyd, H. G. Campbell, W. Donaldson, H. W. Gamble, J. Gordon, B. Flatley, W. P. Ewart, A. T. Hardy, W. T. Hunter, J. Kerr, G. E. McIlhagger, W. C. Tate and Dr. H. J. Cronhelm.



'THINGS ARE TOO MUCH FOR ME THESE DAYS...'



'I NEED SOMETHING TO PUT ME ON MY FEET...'

When your advice is needed

The pharmacist plays a big part in the life of the family. Every day his advice is sought on all manner of problems. People trust him and their trust is rewarded by a standard of pharmacy which is higher than anywhere else in the world. The preparations of Vitamins Limited are designed to match these high standards. For prescription and counter.

BEMAX *Stabilized wheat germ, the ideal natural food supplement.*

VITAVEL SYRUP *Helps to keep children fit and build up resistance to infection.*



Here it is!

This full page advertisement in

THE DAILY EXPRESS

will be seen by . . .

12,784,000 People

It is the first shot in the

**BIGGEST EVER PRESS ADVERTISING
CAMPAIGN FOR HALIBORANGE**

**Make sure your stocks are big
enough to meet demands**

From the day YOU were born



you needed these 3 vitamins



Remember those spoonfuls of cod-liver oil you were made to take as a child? Remember being told to 'eat up your nice vegetables' or 'drink up your orange juice'? Those things weren't given to you just for fun—they were given because they contain vitamins **every** child simply **must** have if it is to grow up strong and healthy. Vitamin A for vigorous growth and sound eyesight. Vitamin D for strong bones and teeth. Vitamin C for firm flesh and clear skin.

Haliborange

ALL BABIES NEED THESE VITAMINS NOW

They need them urgently and vitally—not just one of them but all three—not occasionally, but now today and **every** day. Ask your own doctor, ask your chemist—there is not a single doctor or chemist in the land who won't tell you the importance of extra Vitamins A, D, and C in the early years. And youngsters are not the only ones either.

FOR BABIES FROM 3 WEEKS TO 3 YEARS

FIRST-STEP Haliborange

This is the special HALIBORANGE for young babies in liquid form. Its high content of Vitamins A and D means a small dose—and it has no fishy smell or taste. **FIRST STEP HALIBORANGE** is sweeter than ordinary orange juice and more valuable because it contains extra Vitamin C. And what is the cost? A tuppence or two a day—a small price to pay for the joy of seeing your baby grow into a sturdy healthy happy youngster. Only 3/9 for a month's supply.

For steady, sturdy development

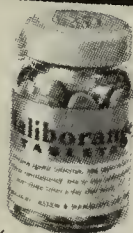


YOU NEED THESE VITAMINS STILL

Everyone does—and the medical authorities have laid down standards of the amounts of Vitamins A, D, and C we all need daily. We may get enough of them in our ordinary food to keep up the supplies we need—but can we be sure, can **anyone** be sure? There's one way to be certain you and your family **do** get enough—that's by taking HALIBORANGE.

FOR OLDER CHILDREN AND FOR YOU

Haliborange TABLETS



ASK YOUR CHEMIST TODAY ABOUT Haliborange

These are delicious orange flavoured tablets you suck like sweets. All you need is one a day—for each contains all the Vitamins A, D, and C you need. They are **homogenized**—created by a special process which helps your body absorb the vitamins quickly and completely. Unlike cod-liver oil they have no fishy flavour can't possibly repeat. If you believe in taking extra Vitamins A, D, and C in winter time this is easily the **nicest** way! 25 for 3/6. Family size 100 for 10/9.

Cost so little, taste so good

VITAMINS A, D, AND C FOOD SUPPLEMENTS CAN BE BOUGHT ONLY AT CHEMISTS' SHOPS



BY APPOINTMENT TO
H. M. THE QUEEN
PURVEYORS OF
HEINZ PRODUCTS
HEINZ LTD LONDON



Eating is a serious business. So mothers put all their trust in Heinz. Because no mother could take more trouble over a baby's meals than Heinz. And their Baby Foods provide just about everything your little one needs. The proteins. The nourishment. The good, fresh tastes. Above all, the variety! (Over 57 different dishes now!) Sun-ripened fruit, vegetables; best meat; fresh farm chickens; fish, eggs, cheese, butter, milk... What mother can cherish her child with wonderful summery foods like this? Only a lucky Heinz mother! A Heinz mother and child get the best of all worlds.



Heinz Baby Foods
the good they do your  baby now lasts a lifetime

Selling is a serious business too!

Heinz realise this and give their stockists first class advertising support. This appealing baby will appear in full colour advertisements in November in all the most widely read and influential women's magazines—Woman, Woman's Own, Woman's Realm, Woman's Mirror, Housewife, Good Housekeeping and Vogue. She'll go straight to the heart of every woman who's loved that serious little look of concentration on a baby's face, every woman who's ever worried about *her* baby's meals.

All your customers will see this baby—and every mother will remember her. When she remembers her she'll remember Heinz. Make the most of this by making it easy for your customers to buy Heinz Baby Foods. Keep good stocks in hand and display them well.

Heinz Baby Foods

big profits in little cans

The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at
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TELEPHONE: CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Allies in the Trading-stamp War

THE pronouncement of the Council of the Pharmaceutical Society on trading stamps has ensured that pharmacists are merely onlookers—though by no means uninvolved ones—in the struggle that is currently intensifying in the trading-stamp war. Opponents to the scheme vary, and whilst the Pharmaceutical Society has taken its stand primarily on the professional implications, there are others who view the situation purely in its economic light. A number of leading organisations in the distributive trades have set in train an all-out attack on trading gift schemes. They have formed an alliance open to all traders who do not intend to introduce trading stamps. The new Distributive Trades Alliance is under the chairmanship of Lord Sainsbury, who has been a forceful opponent of trading stamp schemes. The intention is to obtain the fullest backing of traders in putting the facts before members of the public, so as to convince them that such schemes do not in fact give them "something for nothing." The Alliance is understood to embrace not only the grocery trade but all other retail distributors whether multiple or independent, and their early representation on the proposed action committee is being arranged. Named supporters include Boots, Ltd., and the National Pharmaceutical Union has lost no time in welcoming that company's decision.

Readers of the *Daily Mirror* will have noted recently in its columns another, and most strongly worded, criticism of stamp trading. That paper's contributor Cassandra, on October 22, after pointing out that the Green Shield Trading Stamp Co.—"ringleaders in this parasitic war"—were boasting that they had dispensed more than 8,000 million trading stamps this year, wrote: "In pompous phrases Green Shield grandiloquently explain that their operations are 'the symbol of prosperity employed by consumer and shopkeeper alike.' What these people are really doing is cashing in on the housewife's illusion that she is getting something for nothing. They are exploiting the squirrel-like habit of collecting and hoarding that is apparently common to most wives."

One of the biggest problems that Britain has to face today is to ensure that its products are competitively priced, in both home and overseas markets. Otherwise it will cease to be an effective participant in world trade. From an economic point of view alone we believe that the country cannot afford to increase the costs of distribution by 3 per cent.—the price of stamps to the retailer.

Overseas Trade in Pharmaceuticals

EXPORTS of medicinal and pharmaceutical products from the United Kingdom during September, as classified by the Board of Trade (division 54, Trade and Navigation Accounts), were valued at £3.74 millions, bringing the total for the first nine months of the year to £39.4 millions. September was the first month, since the readjustment in the division's items took place at the beginning of the year, in which the total fell below £4 millions. Imported medicinal products, however, reached a peak level at almost £780,000.

Exports to Australia received a further setback during the month and were, at £194,000, £4,000 below those to New Zealand. The growing number of manufacturing plants coming into production in Australia is no doubt responsible for the decline in shipments from the United Kingdom, which in the first three-quarters of the year are running at 36 per cent. below the equivalent period of 1962. Nigeria, with purchases at £284,000, proved to be the largest single market, followed by the Irish Republic at £223,000. Aggregate value of exports to Common Market countries was almost £370,000, and to the European Free Trade Association countries, including Finland, little behind, at £323,000.

The high value of imports during the month was due, in the main, to antibiotics (see table). Imports of pharmaceutical products from the United States of America cost £307,000, and from Belgium, £177,000. Incidentally exports from Britain to those countries were at £118,000 and £42,000 respectively.

PHARMACEUTICAL PRODUCTS—EXPORTS

	£
Sera and vaccines	97,370
Vitamins	73,393
Antibiotics	
Penicillin injections	68,139
tablets, ointments, etc.	47,776
other	275,804
Alkaloids	20,178
Aspirin	53,680
Antihistamines	35,342
Antipaludics	73,167
Barbiturates	18,304
Hormones	76,971
Glycosides	4,642
Ointments, liniments*	132,654
Organo therapeutic glands, etc.*	4,615
Sulphonamides	77,195
Proprietary medicines*	1,059,477
Unclassified medicines*	594,930

PHARMACEUTICALS IN BULK—EXPORTS

Vitamins	113,329
Penicillin	126,961
Antibiotics other than penicillin	119,181
Alkaloids	102,128
Hormones	88,742
Glycosides	6,827
Organo therapeutic glands	37,977
Aspirin	41,187
Barbiturates	8,300
Sulphonamides	81,711
Glycerin	42,925
Citric acid	57,682

PHARMACEUTICAL PRODUCTS—IMPORTS

Vitamins	31,648
Antibiotics	428,242
Alkaloids	43,431
Glycosides, glands, sera, vaccines	44,261
Proprietary and veterinary medicines	181,377
All other	50,620

*Not elsewhere specified.

A NEW EDITION OF THE B.N.F.

J. W. HADGRAFT, F.P.S., F.R.I.C.

(Concluded from THE CHEMIST AND DRUGGIST, October 26, p. 446)

BOTH of the long-acting forms of corticotrophin from the Pharmacopœia (corticotrophin gelatin injection and corticotrophin zinc hydroxide injection) have been added to the Formulary.

Psychotropic Drugs

Ten new preparations belong to the growing group of drugs used in psychiatric medicine. Chlordiazepoxide (Librium) and meprobamate are minor tranquillisers which offer alternatives to the more traditional sedative drugs. Perphenazine (Fentazin), prochlorperazine (Stemetil), trifluoperazine (Stelazine), and promazine (Sparine) are major tranquillisers of the phenothiazine group with actions and uses similar to those of chlorpromazine. Four new anti-depressant drugs include imipramine (Tofranil) and three monoamine-oxidase inhibiting drugs, isocarboxazide (Marplan), nialamide (Niamid) and phenelzine (Nardil). The inclusion of those drugs in the Formulary may result in pharmacists' being asked to advise concerning their use, and their potentiation of other drugs should constantly be stressed. They have a potentiating action on other drugs affecting the central nervous system, and should not be given in combination with pethidine or sympathomimetic amines such as amphetamine or ephedrine.

Cardiovascular Drugs and Diuretics

Digitoxin is an old drug that makes a reappearance in the Formulary. Because of its longer duration of action it is considered to have advantages in certain circumstances over digoxin. Guanethidine (Ismelin) is included as a hypotensive agent, replacing older drugs of the group (hexamethonium tartrate injection and pentolinium tablets), which have been deleted. Guanethidine acts at the post-ganglionic portion of the sympathetic nerve fibre and avoids the side effects common to the ganglion-blocking agents. Two new sympathomimetic amines (metaraminol injection and mephentermine tablets) are included as circulatory stimulants. Warfarin tablets have been added to the range of drugs used as anticoagulants.

Three of the more potent thiazide diuretics have been added (bendrofluazide, hydrochlorothiazide and hydroflumethiazide). A different type of diuretic is spironolactone (Aldactone A), which acts by blocking the effects of aldosterone in the distal tubule, and is used in conjunction with the thiazide diuretics for the treatment of resistant œdema. Effervescent potassium tablets, B.P.C., have been included to provide a convenient and relatively palatable preparation for the administration of potassium supplements to patients on diuretic therapy.

Analgesics, Detoxifying Agents, Hypnotics

Another old drug to reappear in the Formulary is diamorphine (injection). After a period of official disfavour, diamorphine is now recognised as having a valuable, if limited, use in the control of intractable pain. Other new analgesic preparations are dipipanone injection (Pipadone) and dihydrocodeine tablets (DF118). Soluble codeine compound tablets, B.P., have also been included, as well as soluble aspirin tablets for infants, B.P.C. (150 mgm. of aspirin in each tablet).

A growing list of preparations in the Formulary are included as antidotes or detoxifying agents. Levallorphan injection (Lorfan) is used, like nalorphine, to counteract the effects of morphine, pethidine or similar drugs. The abbreviated title of that preparation ("inj. levallorph") needs careful distinction from that of levorphanol injection ("inj. levorphanol"). Sodium calcium edetate injection, B.P., is used in the treatment of heavy metal poisoning,

whilst sodium nitrite injection, B.P.C., and sodium thiosulphate injection, B.P.C., are used in cyanide poisoning. Apomorphine injection, B.P., is well known as an emetic agent, and bemegride injection, B.P., has been used in the treatment of barbiturate poisoning.

Four new preparations have been added to the range of drugs for treating epilepsy. Ethosuximide capsules (Zarontin) and phensuximide capsules (Milontin) are used for petit mal seizures, whilst ethotoin tablets (Peganone) are used for grand mal. Phenytoin capsules have been added to the pædiatric section. Dichloralphenazone tablets (Well-dorm) have been included in the Formulary to provide a tablet formulation of chloral hydrate as a safe and effective hypnotic.

Miscellaneous Preparations

Calcium carbonate compound powder is a new B.N.F. preparation that has been included to provide an antacid powder with less laxative effect than preparations containing magnesium carbonate or trisilicate. Hydrargaphen pessaries (Penotrane) and di-iodohydroxyquinoline pessaries (Floraquin) are included for the treatment of trichomonas vaginitis. Metronidazole tablets (Flagyl) are given orally for the same purpose. Two injectable iron preparations have been included. Both are proprietary preparations, and each is of value for administering iron when oral administration is ineffective or impossible. Iron-dextran injection (Imferon) contains 50 mgm. of elemental iron per mil in the form of an iron-dextran complex. Iron-sorbitol injection (Jectofer) is a similar preparation of the same strength in which the iron is contained as a complex with sorbitol and citric acid. A new section has been added to describe

TABLE II. AMENDMENTS TO COMPOSITIONS

PREPARATION	AMENDMENT
Chloral elixir for infants, B.P.C.	Dose increased to 0.2 gm. in 5 mil.
Liquid paraffin emulsion, B.P.C.	Methylcellulose used as emulsifying agent.
Liquid paraffin and cascara emulsion, B.P.C.	Methylcellulose used as emulsifying agent.
Liquid paraffin and phenolphthalein emulsion, B.P.C.	Methylcellulose used as emulsifying agent.
Liquid paraffin and magnesia emulsion, B.P.C.	Emulsion of chloroform added.
Paraldehyde enema	Strength reduced to 8 per cent. v/v.
Ipecacuanha and squill linctus for infants, B.P.C.	Dose of squill tincture 2½ minims. Dose of ipecacuanha tincture 1½ minims.
Pholcodine linctus, B.P.C.	Made from strong pholcodine linctus.
Aspirin mixture, B.P.C.	Chloroform spirit included.
Ipecacuanha mixture for infants, B.P.C.	Liquid extract of liquorice omitted.
Potassium bromide mixture, B.P.C.	Concentrated anise water used.
Potassium citrate mixture, B.P.C.	Lemon spirit in place of syrup of ginger.
Potassium citrate and hyoscyamus mixture, B.P.C.	Lemon spirit in place of syrup of ginger.
Sodium citrate mixture, B.P.C.	Lemon spirit in place of syrup of ginger.
Sulphadimidine mixture for infants, B.P.C.	Sodium carboxymethylcellulose in place of tragacanth.
Magnesium sulphate paste, B.P.C.	Dried magnesium sulphate heated at 150° for 1½ hours.
Sulphur ointment, B.P.	Prepared with precipitated sulphur.

preparations used for immunological purposes. Those are taken from the British Pharmacopœia and, in addition to including commonly used preparations such as diphtheria prophylactic, they also include preparations not freely available through the usual pharmaceutical channels, such as poliomyelitis vaccine (oral), B.P., and typhus vaccine, B.P.

The composition of a number of preparations has been amended, most of the changes having been occasioned by alterations already described in B.P.C. formulas. The most important change is the reformulation and revised method of preparation of eye drops. If the medicament is stable, eye drops may now be transferred to the final container and sterilised by heating in an autoclave. It is officially recognised, therefore, that such preparations may be obtained from a pharmaceutical manufacturer and not prepared extemporaneously. Heat-stable substances in eye

drops may be dispensed extemporaneously by heating at 98 to 100° C. for thirty minutes in the final container. Solution for eye drops has been deleted and, in its place, 0.05 per cent. of chlorocresol is included in most eye drops to inhibit the growth of organisms accidentally introduced into the preparation during use. It should be noted that phenylmercuric nitrate, 0.002 per cent., is still used in fluorescein eye drops, which are liable to become contaminated with *Pseudomonas pyocyanea*.

Eye drops containing thermolabile substances such as physostigmine and mild silver protein must be dispensed extemporaneously by dissolving the medicament in a sterile vehicle using aseptic precautions. All eye drops prepared extemporaneously, whether by heat or aseptic methods, must be freshly prepared (i.e., within twenty-four hours of issue to the patient).

“OPEN SHOP”

E. C. TENNER

FROM my point of view there is only one disadvantage to the fact that I write this month's commentary under a pseudonym. It is that I am sometimes precluded from mentioning matters that might destroy my anonymity. That in itself may be an advantage if it prevents me dwelling on items that might be considered personal and petty and without general importance. So now, after consideration, I think it is safe to disclose in October that I have just returned from an annual holiday of several weeks during which I was completely isolated from my pharmacy and newspapers. That statement could apply to so many pharmacists beside myself. In spite of my confidence in the arrangements I had made, the first Monday morning of my return found me suffering from a certain amount of anxiety until I found that my staff and my locum had absolutely nothing unexpected to report. My staff seemed actually to have enjoyed the opportunity to demonstrate that it could cope in my absence. That sent my own thoughts back to the days when my own apprentice-master took his holidays. The place seemed then to run more easily than at other times. Bosses can over-fuss efficient, conscientious staff, and indeed themselves too.

Failure to Communicate

It took several days to get things sorted out and the forgotten threads all picked up. The last task has been to read, in chronological order, the accumulated pharmaceutical Press. The Conference has faded from its pages and is replaced by a furore about the £9 membership retention fee and a deal of confusion about the distribution of samples of medicines which are poisons. Our Pharmaceutical Council consists of men and women of impeccable honesty and ability, and their avowed purpose, we accept, is *the good of the profession* (whatever that may mean). How comes it, then, that members have demanded a special general meeting to consider the wisdom of their action in respect of the retention fee? How comes it that there is opposition to their various statements about pharmaceutical behaviour? I know that any simple answer is automatically suspect, but I am convinced that opposition to Council action arises through misunderstanding and consequent distrust. It is as simple as that. The mind that receives bald instruction or statement from the Council naturally boggles at it, and naturally is inclined to resist any advice or change. It is the fault of the Council alone that misunderstanding and suspicions are allowed to arise. If Committee and Council proceedings were reported in proper detail to the intelligent membership, the individuals would be aware of the pros and cons of each decision, and, respecting democratic procedure, would support majority decisions without further ado. As it is, the gag-flag goes up at meetings and the membership is left in ignorance of whys and wherefores. When the decisions and recommendations

are eventually issued they are presented quite cold and without any background or interpretation that could render them more understandable and acceptable.

There is no doubt in my own mind that the Council has acted rightly in raising the retention fee to £9. The change in value of money itself is a factor that would produce some such a revised figure, apart from the members' recent instructions to extend the Society's activities. But then I believe I am a much more reasonable and thoughtful being than those who vociferously object to paying more and those who sign demands for special general meetings. If the Committee and Council debates, leading to the £9 decision, had been fully available to members through the pharmaceutical Press, I am certain there would have been no demand for a special meeting. If members were taken into the confidence of the Council, the Society's work would proceed much more effectively and happily. But between the Council and the members a great gulf of silence is fixed. So, if the relations between Council and members are unsatisfactory, is it any wonder that the relations between the Society and the public are so poor and unrewarding? The reception of the £9 decision should be a danger signal to the Council. In 1953 it cannot work in a vacuum and still carry the membership with it. The wind of change is beginning to sigh through the Pharmaceutical Society. It will eventually carry its message to the *Square* administration, namely that nineteenth-century methods are *out* in the second half of the twentieth. In 1963, members are not happily spoonfed with statements and decisions. They are sufficiently intelligent and conscious to wish to judge each case for themselves. If they were able to do that, they would be sufficiently democratic to stand by a decision of an elected Council majority and would become much more interested in the annual Council elections. Who persuades the Councillors to keep quiet about individual opinions? Is it the administration or is it those Council members who are really afraid their individual opinions may earn them an election defeat? The fact that the Council does not present to members enough flesh with the bones of its decisions, the result of the special meeting on the £9 fee may well hold up the work members require to be done. By allowing that risk to appear, the Council has failed the membership. Time and money must now be spent on the special meeting, and if the Council decision is reversed by the membership, then that result will be a setback to the Society's work, and the Council will be itself to blame. However, if the Council learns from this special meeting that dictatorial action is not countenanced in a democratic society, the meeting will have been well worth while. There is no excuse in pharmacy for the springing of surprises on the membership. The whole profession should know week by week what is being discussed at H.Q. and who is saying what.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor. Notes on the products are given on p. 484.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, November 2, 1963

ALLEGRON tablets and liquid

MANUFACTURER: Dista Products, Ltd., Fleming Road, Liverpool, 24.

DESCRIPTION: Yellow and orange *tablets* each containing 10 mgm. and 25 mgm. respectively of nortriptyline hydrochloride. *Liquid* containing 10 mgm. of nortriptyline hydrochloride in 5 mls. Psychotropic agent.

INDICATIONS: Treatment of mental depression, anxiety tension, hostility, and psychosomatic disorders, particularly those of the gastrointestinal tract.

CONTRAINDICATIONS: Should be used with caution in patients with glaucoma or tendency towards urinary retention, and where sympathomimetic drugs are employed. Should not be used concomitantly with monoamine oxidase inhibitors.

DOSAGE: *Adults*: 20 to 100 mgm. a day. *Children*: 10 to 75 mgm. a day (1 to 2 mgm. per kilo of body weight). (See *manufacturer's literature*.)

SIDE EFFECTS: Occasional dry mouth and drowsiness. Constipation, dizziness, tremulousness, confusion, restlessness, weakness and blurred vision have also been reported.

HOW PACKED: *Tablets*: In bottles of twenty-five, 100 and 500. *Liquid*: In bottles of 115 and 500 mls.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: September 1963.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, November 2, 1963

TRENIMON capsules

MANUFACTURER: Farbenfabriken Bayer, A.G., Leverkusen-Bayerwerk, Germany. DISTRIBUTOR: FBA Pharmaceuticals, Ltd., Burrell Road, Haywards Heath, Sussex.

DESCRIPTION: Brown, oval, hard-gelatin enteric-coated capsules. Each contains 0.5 gm. of tri-(1-aziridiny)-1,4-benzoquinone (triaziquone). Cytostatic agent.

INDICATIONS: Malignant blood disorders, polycythaemia, lymphoblastoma, reticulosos and Hodgkins' disease; intratumoural application; intrapleural and intraperitoneal administration for malignant effusions; other types of carcinoma including ovarian and mammary; pre- and post-operative prophylaxis against metastases.

CONTRAINDICATIONS: Pregnancy.

DOSAGE: One capsule twice a week.

SIDE EFFECTS: Nausea and vomiting (occasional); haematological depression; thrombocytopenia (rare). Care should be taken if leucocyte count drops more than 2,000 per c.mm., or below 2,000 per c.mm. Treatment should be discontinued if the platelet count drops below 100,000 per c.mm.

STORAGE: Should be stored in a cool, dark place.

SHELF LIFE: Eighteen months.

HOW SUPPLIED: In bottle of thirty.

SUPPLY RESTRICTIONS: P.I, S.1, S.4A.

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THE CHEMIST AND DRUGGIST Guide to New Medicaments, November 2, 1963

TRENIMON injection

MANUFACTURER: Farbenfabriken Bayer, A.G., Leverkusen-Bayerwerk, Germany. DISTRIBUTOR: FBA Pharmaceuticals, Ltd., Burrell Road, Haywards Heath, Sussex.

DESCRIPTION: Ampoules containing 0.2 mgm. of tri-(1-aziridiny)-1,4-benzoquinone (triaziquone). Cytostatic agent.

INDICATIONS: *As for Trenimon capsules*.

METHOD OF USE: *Intravenously*: 0.2 to 0.5 mgm. daily to weekly. *Intratumoural*: 0.2 to 0.5 mgm. *Intracavity*: 0.2 to 0.4 mgm. in 20 to 40 mls of saline.

NOTES: Solutions for injection must be freshly prepared and used within twenty minutes.

SIDE EFFECTS: *As for Trenimon capsules*.

STORAGE: Should be stored in a cool dark place.

SHELF LIFE: Twelve months.

HOW SUPPLIED: In ampoule of 0.2 mgm., with 20-ml ampoule of sterile physiological saline.

SUPPLY RESTRICTIONS: P.I, S.1, S.4A.

FIRST ISSUED: June 1962.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, November 2, 1963

LAEVADOSIN buccal tablets and injection

MANUFACTURER: Deutsche Laevosan-Gesellschaft C.F. Boehringer & Soehne, G.m.b.H. & Co., K.G. Mannheim. DISTRIBUTOR: Calmic, Ltd., Crewe, Ches.

DESCRIPTION: Each *tablet* contains 2 mgm. of adenosine monophosphate; 1 mgm. of cytidine monophosphate; 1 mgm. of guanosine monophosphate, 1 mgm. of uridine monophosphate, 5 mgm. of guanosine and 10 mgm. of adenosine. *Solution* that contains in each 10 mls 50 mgm. of adenosine phosphate (including 30 mgm. of adenosine triphosphate); 50 mgm. of adenosine; 50 mgm. of inosine; 15 mgm. of guanosine monophosphate; 10 mgm. of guanosine; and 10 mgm. of uridine.

INDICATIONS: Disturbances of the cardiac, cerebral and peripheral circulations, intermittent claudication, muscular dystrophy (Duchenne type).

DOSAGE: *See manufacturer's literature*.

PRECAUTIONS: Intravenous and intramuscular injections must be given slowly.

HOW SUPPLIED: *Tablets*: In bottles of twenty-five, fifty, and 250. *Liquid*: In packs of one and ten 10-ml ampoules.

SUPPLY RESTRICTIONS: Recommended on prescription only.

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TETRALYSAL capsules

MANUFACTURER: Carlo Erba, S.p.A., Via Carlo Imbonati, 24, Milan, Italy. DISTRIBUTOR: Fraser Chemicals, Ltd., 88 Lewisham High Street, London, S.E.13.

DESCRIPTION: Red, hard-gelatin capsules printed "ERBA" on each side of the seal. Each capsule contains tetracycline-*l*-methylenelysine (lymecycline) equivalent to 150 mgm. of tetracycline. Antibiotic.

INDICATIONS: Bronchitis, pneumonia, otitis media, tonsillitis and infections caused by all organisms sensitive to tetracycline.

CONTRAINDICATIONS: As with other tetracyclines, should be used with caution in cases of impaired renal function.

DOSAGE: *Adults*: 300 to 1,200 mgm. (two to eight capsules) a day. *Children*: 10 mgm. per kilo of body weight.

PRECAUTIONS: As with other tetracyclines, prolonged treatment during pregnancy may discolour infant's milk teeth. Permanent teeth will only be discoloured if infants themselves are treated for more than a few days.

SHELF LIFE: Eighteen months.

HOW SUPPLIED: In bottles of sixteen, 100 and 1,000.

SUPPLY RESTRICTIONS: Therapeutic Substances Act (Part II).

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THE CHEMIST AND DRUGGIST Guide to New Medicaments, November 2, 1963

TETRALYSAL injection

MANUFACTURER: Carlo Erba, S.p.A., Via Carlo Imbonati, 24, Milan, Italy. DISTRIBUTOR: Fraser Chemicals, Ltd., 88 Lewisham High Street, London, S.E.13.

DESCRIPTION: Vials each containing tetracycline-*l*-methylene lysine (lymecycline) equivalent to 100 mgm. of tetracycline; 0.15 gm. of ascorbic acid; 0.075 gm. of nicotinamide; and 0.075 gm. of magnesium ascorbate. Antibiotic.

INDICATIONS: *As for Tetralysal capsules*.

METHOD OF USE: *Adults*: 200 mgm. given in two intramuscular injections a day. *Children*: 10 mgm. per kilo of body weight by intramuscular injection.

NOTES: Intravenous injection should be used only when specially indicated.

PRECAUTIONS: *As for Tetralysal capsules*.

STORAGE: Should be stored in a cool, dark place. Solutions for injection should be used immediately after reconstitution.

SHELF LIFE: Eighteen months.

HOW SUPPLIED: In packs of one and ten vials, with solvent (each ampoule contains 0.04 gm. of procaine hydrochloride and sterile distilled water to 3 mls).

SUPPLY RESTRICTIONS: Therapeutic Substances Act (Part II).

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AquaMEPHYTON injection**MANUFACTURER:** Merck Sharp & Dohme, Ltd., Hoddesdon, Herts.**DESCRIPTION:** Aqueous colloidal solution containing 10 mgm. of vitamin K₁ in 1 mil. Also available as a solution containing 1 mgm. in 0.5 mil.**INDICATIONS:** Present or threatened hæmorrhage due to over-dosage of anticoagulants (not heparin); hæmorrhagic disease of the newborn.**DOSAGE:** *See manufacturer's literature.***NOTES:** Should be stored away from light.**HOW SUPPLIED:** In box of six 1-mil ampoules each containing 10 mgm. of vitamin K₁ and box of twenty-five 0.5-mil ampoules each containing 1 mgm. of vitamin K₁.**FIRST ISSUED:** July 1963.

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ColBENEMID tablets**MANUFACTURER:** Merck Sharp & Dohme, Ltd., Hoddesdon, Herts.**DESCRIPTION:** White tablets inscribed "CB" and scored on one side, "MSD" on the other. Each contains 500 mgm. of probenecid, B.P., and 0.5 mgm. of colchicine, B.P.**INDICATIONS:** Chronic gout and gouty arthritis.**DOSAGE:** One tablet daily for a week, then one tablet twice daily. Some patients may need a higher dosage (usually not more than four tablets daily).**NOTES:** Treatment should not be initiated during an acute attack. When acute attacks occur during maintenance therapy, ColBenemid should be continued and full doses of colchicine or a suitable analgesic given to control the acute attack.**HOW SUPPLIED:** In bottle of 100.**SUPPLY RESTRICTIONS:** S.7.**FIRST ISSUED:** June 1963.

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OTRIVINE solution**MANUFACTURER:** CIBA Laboratories, Ltd., Horsham, Sussex.**DESCRIPTION:** Solutions containing 0.1 per cent. (adult) and 0.05 per cent. (pædiatric) of 2-(2,6-dimethyl-4-butylbenzyl)- Δ^2 -imidazoline hydrochloride (xylometazoline hydrochloride). Nasal decongestant.**DOSAGE:** *Adults:* One application of the spray or two or three drops of the 0.1 per cent. solution in each nostril two or three times a day. *Children:* One or two drops of the 0.05 per cent. pædiatric solution once or twice a day.**NOTES:** The nebuliser should not be used for infants or young children. Children over twelve years may use the 0.1 per cent. adult solution.**PRECAUTIONS:** The prolonged use of vasoconstrictors is not recommended in chronic rhinitis.**HOW SUPPLIED:** *Adult solution:* In plastic spray or dropper bottle of $\frac{1}{2}$ fl. oz. *Pædiatric solution:* In bottle of 10 mls, together with safety dropper.**FIRST ISSUED:** September 1963.

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THYLIN tablets**MANUFACTURER:** West Pharmaceutical Co., Ltd., 9 Palmeira Mansions, Church Road, Hove, 3, Sussex.**DESCRIPTION:** Lime-green bevel-edged tablets, scored on one side and inscribed "Thylin 37" on the other. Each contains 250 mgm. of 2:3 dimethyl-4-nicotinamido-1-phenyl-pyrazole-5-one. Antirheumatic agent.**INDICATIONS:** Symptomatic relief in rheumatic disorders, including rheumatoid arthritis, osteoarthritis, fibrosis, acute rheumatism, gout and superficial phlebitis.**DOSAGE:** *Initially,* one or two tablets two or three times a day. (*See manufacturer's literature.*)**HOW SUPPLIED:** In bottle of 100.**SUPPLY RESTRICTIONS:** Recommended on prescription only.**FIRST ISSUED:** September 1963.

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BRONTINA tablets and injection**MANUFACTURER:** N.V. Koninklijke Pharmaceutische Fabrieken v/h Brocades-Stheeman and Pharmacia, Amsterdam, Holland. **DISTRIBUTOR:** Camden Chemical Co., Ltd., 61 Gray's Inn Road, London, W.C.1.**DESCRIPTION:** Square, uncoated, pale lilac *tablets*. Each contains 1 mgm. of dibenzheptopine citrate. *Ampoules* containing 2 mgm. of dibenzheptopine citrate for intramuscular injection.

Bronchial spasm relaxant; bronchodilator, and secretion inhibiting agent.

INDICATIONS: Obstruction of air passages in chronic, non-specific respiratory disorders (chronic bronchitis, bronchial asthma, bronchiectasis). Vasomotor rhinitis.**CONTRAINDICATIONS:** Superimposed acute infection of respiratory tract (antibiotic therapy should precede Brontina treatment); glaucoma; and prostatic hypertrophy.**DOSAGE:** *Adults:* 1 mgm. twice daily (to be raised or lowered according to results obtained, or occurrence of side effects). *Children:* 0.5 to 2 mgm. a day (according to age and weight and nature of disease). For lung function tests, 2 to 4 mgm. should be given, *intramuscularly*, daily as a single dose.**SIDE EFFECTS:** High doses may cause dryness of the mouth and occasional disturbances of accommodation. Those effects tend to regress spontaneously, or to disappear on lowering the dosage.**HOW SUPPLIED:** *Tablets:* In bottle of 100. *Injection:* In pack of twelve 2-mil ampoules.**SUPPLY RESTRICTIONS:** P.I, S.7.**FIRST ISSUED:** September 1963.

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ENTAIR capsules**MANUFACTURER:** The British Drug Houses, Ltd., Graham Street, London, N.1.**DESCRIPTION:** Two-tone brown and yellow soft gelatin capsules. Each contains 150 mgm. of theophylline and 90 mgm. of guaiphenesin. Bronchodilator.**INDICATIONS:** Symptomatic treatment of bronchial asthma, pulmonary emphysema, bronchiolitis, reactions to pulmonary irritants and other manifestations of obstructive pulmonary disease in which relaxation of bronchiolar smooth muscle improves breathing.**CONTRAINDICATIONS:** Should not be taken more often than every six hours or within twelve hours after rectal administration of any preparation containing theophylline or aminophylline.**DOSAGE:** Usual adult dose is one capsule two to four times a day after food. In severe cases two capsules two or three times a day may be given.**SIDE EFFECTS:** Gastric upset and peripheral vasodilatory effects which sometimes accompany theophylline medication may occur at higher dosage levels.**STORAGE:** Should be stored in cool dry place.**HOW SUPPLIED:** In bottle of thirty.**FIRST ISSUED:** September 1963.

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PERIACTIN syrup**MANUFACTURER:** Merck Sharp & Dohme, Ltd., Hoddesdon, Herts.**DESCRIPTION:** Yellow syrup containing in each 5 mls (teaspoonful), 2 mgm. of cyproheptadine hydrochloride. Anti-allergic and antipruritic.**INDICATIONS:** Acute and chronic allergic and pruritic disorders (including the itching of chickenpox).**CONTRAINDICATIONS:** Glaucoma; predisposition to urinary retention.**DOSAGE:** *Adults,* two teaspoonfuls (10 mls) three or four times daily. *Children* (2 to 6 years), one teaspoonful (5 mls) three times daily; *children* (6 to 14 years), two teaspoonfuls (10 mls) three times daily.**SIDE EFFECTS:** May cause drowsiness.**HOW SUPPLIED:** In bottles of 4 and 16 fl. oz.**SUPPLY RESTRICTIONS:** P.I, S.7.**FIRST ISSUED:** June 1963.

Aerosol Problems Discussed at Brighton

LECTURES GIVEN AT 4th INTERNATIONAL AEROSOL CONGRESS

FOURTEEN lectures on various aspects of the aerosol industry were delivered at the fourth International Aerosol Congress held in Brighton, October 8-11. Abstracts from some of the addresses pertinent to the pharmaceutical and allied industry are given below.

Are Aerosols Safe?

MESSRS. R. MUMFORD (Pressure Aerosols Filling Co., Ltd.), and A. SIMPSON (Aerosol Packaging Co., Ltd.), gave this title to their address in the form of the question "Are Aerosols Safe?" Their answer at the outset was "Yes, they are safe but they are not foolproof." A soda-water syphon could be made to explode and a can of lighter fluid could be ignited; they were also safe in general use, but none of them were foolproof. Aerosols could combine the potential hazards of explosion, inflammability and toxicity and it was the job of the industry to make sure products were still safe. From well over 75 million units filled over a period of years, covering nearly all the more usual products, there had been only three reports of cans having exploded. No one was hurt and there were no fires. Two of the cans had certainly been overheated, but the evidence in the third case was conflicting. In addition there were a handful of complaints of gross leakage of cans without explosion, or of deformation of the can base due to such causes as a can being placed on a stove.

Recently there was a survey carried out to determine the number of aerosols propelled, wholly or partly, by flammable gases over the last five years. 700 million units was the estimate and there was one report of an incident involving fire. Dealing with the potential hazards of explosion Mr. Mumford said "We cannot assume that every can is perfectly made, perfectly filled, and perfectly sealed," but cans were made with what was thought an adequate factor of safety and all were pressure tested to well above their working pressure in hot baths.

A number of demonstrations were used to illustrate the flammability danger and showed that this could not be defined merely by reference to the propellant. Although 3,000 tons of butane was used by French aerosol manufacturers the speaker said its use was frowned on by British makers. Of butane-containing aerosols the speaker added: "We don't like them, but we have failed to prove that these packs are definitely dangerous when they are correctly used by an operator who knows that the spray can ignite. Any customer who has read a proper label, sprays the can away from him and does not spray in a naked flame, will come to no harm. In spite of this I admit something of a personal prejudice against these packs."

In the case of hair sprays the authors suggested that the dangers to the operator were almost all due to the danger of having an alcohol film over the hair

when there was a risk of the alcohol being ignited. There was little chance of the spray being ignited between the aerosol can and the hair.

Another risk to the consumer was the danger of an explosion in a confined space such as a cupboard due to leakage of inflammable gases, but the combination of circumstances which were required to present a real danger of that sort were so improbable that they cannot be considered quantitatively. If, however, one had a warehouse containing a large number of aerosols, all filled with butane, and all leaking, the situation was obviously extremely dangerous. Warehouses and places where aerosols were stored in large numbers should obviously be considered with care and appropriate precautions taken.

On the general question of storage it should be said that there is a real danger to firemen when trying to deal with a warehouse fire where there was a stock of aerosols.

On the question of hazards to health there were discussions going on regarding hair sprays. The individual components of most of them were of very low toxicity and the special risk occurred when they were presented in a way where penetration could occur into the finer passages of the lungs. It was possible that a few women who may have been hypersensitive or just plain unlucky from other causes, had suffered in some way from the use of hair sprays. Compared with the vast number using the sprays (six per woman in U.S.A. during 1962), very few had suffered in any way, nevertheless . . . "If these products have harmed anyone, no matter how small a proportion of the users, we must prevent it happening again."

Water Based Aerosols

A paper on the "Development of Water Based Aerosols" was presented by MR. C. A. SOUTHEY (Aerosol Packaging Co., Ltd.). It dealt with the type of formulations required for water-based systems. He said it was accepted that the price of aerosol cans and valves was probably as low as it was possible in present-day economies to manufacture them. Even so, any reduction which could be made on those two components will only marginally affect the final consumer price. It was therefore logical to concentrate investigations into reducing the price of the propellant/product system, without affecting the efficiency of the aerosol. It was apparent that there was one raw material which was both cheap, commonplace and available in bulk quantities on tap, namely water. Water, though, was not a new commodity to aerosols. It had been used extensively from the very early days of aerosol technology in the formulation of shave creams, hand creams, etc. The difficulty had been the inclusion of water into products giving particles sizes between 30-150 microns. The aerosol shave foam formulation and similar foam pro-

ducts were basically an emulsion of the oil in water type, it was felt that the answer to the problem lay in creating an emulsion between the active product in the container, consisting mainly of water, with the hydrocarbon propellant. In foam products, the propellant was emulsified in the product and the particles of liquid propellant were surrounded by water, with water forming a continuous phase. By their very nature, those types of products had a high concentration of emulsifier which was usually surplus to the theoretical requirements needed to emulsify the oil in the water phase. A reduction of the emulsifier concentration limited the emulsification of the propellant into the product, creating a three-phase system, so preventing foaming and promoting a finer atomisation. The increased atomisation was still not sufficient for space sprays.

Dealing with anti-perspirants the speaker said it was generally accepted that the best products were formulated using aluminium complex salts. It had always been difficult or almost impossible to include aluminium complex salts in aerosol containers, due to their very reactive nature, which caused corrosion in the container within a short time, leading to perforation. The reason was that the aluminium salts themselves were not very alcohol soluble and it was usually necessary to have a fairly substantial amount of water present, in combination with the alcohol, to promote solubility. Besides the reactive nature of the salt, the inclusion of substantial amounts of water in conventional aerosols was not desirable, due to corrosion, though a glass bottle could be used as it was not subject to the same corrosion problems. The use of a water-based system had almost eliminated the corrosion problem. It was now possible to even incorporate fairly high quantities of aluminium chloride without any signs of instability.

Water-based aerosols were conceived in an attempt to decrease the cost of the unit to the consumer. To this end, it was already succeeding.

MR. WALTER C. BEARD, jun. (Risdon Manufacturing Co.), in a lecture on "Perfumery in Aerosols," said that the materials available for making aerosol valves and containers affected the quality of aerosol fragrances and limited the work of the perfumer in the past. Glass bottles and properly lined aluminium tubes made the most acceptable containers. New thermoplastic resins of the acetal type showed promise, and appeared superior to the nylon and thermosetting resins investigated earlier. Blow-moulded acetal containers might lend themselves for use with higher-pressure propellants than were suitable for even coated glass. On the other hand, unprotected glass aerosol bottles were gaining an increasing share of the market. Future developments of non-reactive propellants or of packages in which the propellants were physically separated from the product, might pro-

vide packages superior to any in use at present.

MR. D. B. CAHILL (Metal Box Co., Ltd.), giving a statistical analysis of the European aerosol market, said that since 1957 the production of aerosols in Europe had increased by about six times, rising from under 50 millions to almost 300 millions. During each of the past two years an additional 65 million units had been produced, representing in 1962 a growth of 30 per cent. More than 80 per cent. of fillings were accounted for by Germany, the United Kingdom, France and Italy. Germany had the largest market, and it was estimated that over 100 million units were out on the market there in 1962. Hair lacquers dominated the industry in numbers sold and sales value. The relative importance of insecticides and air fresheners, in the earlier stages of market development, appeared to have declined. Household and personal products were of increasing importance, particularly in the United Kingdom, which probably had the most broadly based industry in Europe. The demand for aerosol products, and the rate at which it was growing, were dependent on the level of incomes and the speed with which the uncommitted part of income rose. Secondary factors such as availability, price, advertising and climate also played their part and helped to explain certain unevennesses in the international pattern of development. He thought that by 1970 industry might well be producing 1,000 million units a year.

Speaking on the "Place of Cosmetics in the European Aerosol Industry," DR. KARL SEIB (J. G. Mouson & Company), said that over half of the 300 million aerosol units sold in Europe in 1962 were from the cosmetics industry. The trend for aerosol perfume seemed to have great promise and the combination of perfume and a plastic container could make aerosol perfume an article of mass consumption. On the other hand there was no future for aerosol cosmetic powder packs, despite the great technical progress in that field. Women disliked using them in confined spaces. Aqueous aerosols would gain in popularity, though there was still much to be accomplished before they became accepted.

Aerosol Exhibition

An exhibition held simultaneously with the Congress proved an undoubted success. From their remarks the exhibitors (nearly seventy were represented) seemed well satisfied with the volume of business done, as well as with the inquiries received; which may in due course lead to additional orders.

An attraction on the stand of STAFFORD ALLEN & SONS, LTD., was laboratory aerosol equipment in operation filling a ladies' after-bath spray. CHAS. ZIMMERMANN & CO., LTD., and W. J. BUSH & CO., LTD., showed selected perfumery compounds suitable for pressure packs. A display of more than 100 pyrethrum aerosols qualifying for the symbol of the Pyrethrum Board of Kenya and manufactured in many countries, was exhibited by the Board, which had technical staff in attendance to answer formulation and other problems.

EIRE FAIR TRADE RULES

Distribution of proprietary preparations controlled

FAIR trade rules relating to collective restrictions that affect the supply and distribution for resale of proprietary household remedies, infant and invalid foods, non-alcoholic health drinks and toilet preparations, in the Irish Republic came into force on November 1. Goods affected are those sold to the public under a proprietary designation, showing on the packet or container directions for use and dosage, but excluding products whose retail sale is statutorily confined to pharmaceutical chemists, dispensing chemists and druggists, and registered druggists. The Fair Trade Commission thinks that, in relation to the aspect of supply and distribution, the rules represent fair trading conditions and "are aimed solely at preventing collective restrictions which operate contrary to the public interest. They do not affect an individual supplier's right to determine freely his channels of distribution," says an official statement. "The rules do not imply that the operation of such collective restrictions by trade associations is a feature of the trade, nor do they imply approval for any restrictive practice that may exist in the trade which does not come within the ambit of the rules." The statement continues:—

No trade association or other combination of persons shall, as respects the goods, coerce, direct or induce or attempt to coerce, direct or induce a supplier to withhold supplies from any trader or class of traders, or to discriminate against any trader or class of traders as

to the terms on which the goods may be supplied to them.

No person, trade association or other combination of persons shall prepare, maintain, publish or issue any list of persons or products which have or are likely to have the effect of influencing, to the prejudice of any trader or class of traders, the supply and distribution of the goods or the terms and conditions on which the goods are supplied or distributed.

No trade association or other combination of persons shall prepare, maintain, publish or issue any list of persons or products, or do any other act designed to secure a boycott of any supplier, or affect adversely the business of a supplier in the goods, or in any other goods, because the supplier concerned does not confine his goods to a particular class of traders, or has refused to do any other act which a supplier is prohibited from doing under the rules. The rules shall not prevent the preparation, maintenance or publication of lists designed to provide only information concerning sources of supply or outlets for distribution.

A supplier shall not refuse to supply any trader, or shall not discriminate against any trader, as to the terms on which supplies of the goods are made available solely because the trader is, or is not, a member of a trade association or other combination of persons, or because the trader's name appears, or does not appear on any list prepared, maintained, published or issued by a trade association or other combination of persons, or because representations that supplies should be refused to such trader or made available to him only on less advantageous terms than to other traders, have been made on behalf of a trade association or other combination of persons.

The statement adds that a supplier shall, whenever requested to do so by the Commission, furnish to it a statement in writing of the terms and conditions under which he supplies goods.

LECTURES ON MEDICAL HISTORY

Greek medicine's route to the West; Renaissance anatomy

CONTINUING his lecture series on the history of medicine (see *C. & D.*, October 19, p. 427), DR. EDWIN CLARKE spoke of "Medicine and the Arabian Nights" on October 22. He said that, after Galen's death in A.D. 200, medicine made no further advances in Europe until about A.D. 1500. Greek medicine survived that interval in three main ways. Religious exiles from Greece took medical learning to the East, especially to Gondeshapur in Persia. Their books were translated into Syriac, into Arabic when the Islamic empire engulfed the region in the seventh century, and later reinterpreted and in minor degree added to, by the Persians, Rhazes and Avicenna; in the eleventh century at Monte Cassino in Italy, and in the twelfth at Toledo in Spain, the Arabic versions were translated into Latin. Secondly, some shreds of Greek medicine remained in the West after the fall of the Roman empire. Lastly the fall of Constantinople in 1453 brought to the West the original Greek works, which had been preserved in Byzantium.

On October 24, Dr. Clarke spoke of "Vesalius and Renaissance Anatomy." Only in Alexandria around A.D. 200 had human dissection been practised in antiquity, he said. Galen's anatomy had been based on animals. First study of human anatomy in the West began in the North Italian universities established in the thirteenth and fourteenth

centuries. First textbook, written by Mundinus of Bologna in 1316, still contained much Galenic teaching. Vesalius (1514-64) dared to denounce the doctrines of Galen, describing what he actually saw at the dissecting table. His great work "De Humani Corporis Fabrica" (1543) revolutionised the field of anatomy and anatomical illustration.

On October 29, the subject was "The History of Leprosy, Syphilis, and Plague." Leprosy was probably known in Graeco-Roman antiquity, but, said Dr. Clarke, in later periods, it was often confused with certain skin diseases. Its incidence increased in the eleventh century, when Biblical hygienic and social codes, based on Biblical sources, were used to control it, and perhaps from that cause it became less common after 1400. The causative organism was found by Hansen in 1874. As leprosy declined in frequency, bubonic plague increased, though it, too, had been known in antiquity. The Black Death of 1348 had important social and economic consequences, and was followed by sporadic outbreaks of the disease in Europe, of which the 1720 epidemic in Marseilles was the last. Syphilis was first brought to Europe from the New World by Columbus' sailors in 1495. At first it was a fulminating disease of epidemic proportions, later becoming less virulent. Control began with guaiacum and mercury and led to antibiotic therapy.

NOTES ON NEW MEDICAMENTS

ALLEGRON. — *Chemistry:* 5-(3-methylamino-propylidene) 10 - 11 - dihydro - 5H - dibenzo [a-d] cycloheptene hydrochloride. The compound, which is an iminodibenzyl derivative, also has the approved name nortriptyline. The drug appears to influence the transport and storage of various pharmacologically active amines, but the mechanism of the action is not yet clear, as the drug is not an inhibitor of the enzyme monoamine oxidase. Nortriptyline, which is also available as Aventyl, is chemically related to amitriptyline (Saroten, Laroxyl, Tryptizol). Other iminodibenzyl compounds used in the treatment of depression include imipramine (Tofranil) and desipramine (Pertofran).

BRONTINA. — *Chemistry:* 3-(10-11-dihydro-5H-dibenzo-cyclohepten-5-yloxy) tropane citrate, otherwise referred to as dibenzheptropine citrate. The compound exhibits an atropine-like anticholinergic action, an antihistaminic action much greater than that of diphenhydramine, and has an anti-serotonin potency exceeding that of chlorpromazine. That combination of properties has led to the clinical use of the drug in chronic respiratory disorders of a non-specific character. Cyproheptadine (Periactin) also has antihistamine and anti-serotonin properties, and although mainly indicated in allergic conditions, it is sometimes of value in bronchial asthma.

COLBENEMID. — *constituents:* Probenicid with colchicine. Gout is characterised by an increased blood level of uric acid, and although that acid is removed from the blood by the glomeruli of the kidneys, it is largely re-absorbed by the kidney tubules. Probenicid inhibits the tubular re-absorption of uric acid, thus bringing about a more physiological balance between uric acid excretion and formation. Colchicine has a specific action in relieving acute attacks of gout, and in frequent small doses has a useful prophylactic action. Other drugs used in the treatment of gout are represented by sulphinpyrazole (Anturan) and ethebenecid (Urelim).

ENTAIR. — *Constituents:* Theophylline and glyceryl guaiaecolate (guaiphenesin) in a semisolid polyethylene glycol vehicle. The bronchodilatory properties of theophylline are well known, but when the drug is given orally, irregular absorption and gastric irritation and nausea frequently prevent the build-up of the blood-level necessary to achieve the desired spasmolytic effect. Glyceryl guaiaecolate is included in Entair not only for its liquefying action on tenacious mucus, but also for its solubilising effects on the theophylline. The combined action of the water-miscible vehicle and the solubilising agent permits the rapid absorption of the theophylline with a minimum of side effects. Theophylline and guaiphenesin are also present, together with phenobarbitone and ephedrine, in Franol Expect, linctus.

LAEVADOSIN. — *Constituents:* Adenosine, inosine, guanosine, uridine and other nucleotides and nucleosides, either as bases or phosphates. Such substances are essential for the activity of normal cells. Adenosine triphosphate is the main energy source for muscle contraction, and is an essential intermediate in carbohydrate metabolism; it is also concerned with the production of co-enzymes, and the acetylation of amides. Other nucleotides also have important functions. The normal cell content of these substances declines in various metabolic disorders, and is reflected in muscular weakness. An extreme case of muscular weakness is shown in progressive muscular dystrophy, and the obscure nature of the disease has precluded any specific treatment. The realisation of the significance of adenosine and related compounds as a source of energy has led to the use of such substances therapeutically, and preliminary reports are encouraging.

OTRIVINE. — *Chemistry:* 2-(2,6-dimethyl-4-butylbenzyl)- Δ^2 -imidazoline hydrochloride. The substance, also known as xylometazoline hydrochloride, is chemically related to naphazoline, and has a similar though less intense decongestive action on the nasal mucosa. It is therefore suitable for the treatment of children

and infants. Naphthazoline is available as Privine.

TETRALYSAL. — *Chemistry:* tetracycline-l-methylethyllysine, also referred to as lymceylsine. It is known that amino acids can increase the solubility and reduce the toxicity of certain drugs. Natural amino acids are also absorbed from the gastro-intestinal tract by an active transport system, and not by simple diffusion. In Tetralysal the amino-acid lysine is linked with tetracycline by a methylene bridge, and the new complex is characterised by high solubility, increased stability, and a higher degree of intestinal absorption. Adequate blood levels are obtained with doses equivalent to 150 mgm. of tetracycline. Dcmethylethyltetracycline is another derivative of increased potency and stability, with which adequate and sustained blood levels are obtained with reduced doses.

THYLIN. — *Chemistry:* 2:3-dimethyl-4-nicotinamido-1-phenylpyrazole-5-one. The compound is the 4-nicotinamido derivative of phenazone, and is related to amidopyrin, which is the corresponding 4-dimethylamino derivative, and

also has a chemical linkage with phenylbutazone. The compound has the analgesic and antipyretic properties of the group, but the change in structure is reflected in a marked reduction in side-effects, particularly in the absence of disturbance of the blood-forming system. Oxyphenbutazone, a metabolite of phenylbutazone is available as Tanderil and other pyrazolone derivatives are present in Novalgin, Gevodin and Saridone.

TRENIMON. — *Chemistry:* 2,3,5-tris-ethylene-imino-1,4-benzoquinone. Substances of that type, in which three ethylene groups are linked with a quinone nucleus, have a powerful inhibitory effect on mitosis, leading to death of the cell. That effect is achieved by inhibiting the respiration or glycolysis of dividing cells. As mitosis is a characteristic feature of rapidly growing tissues, such as tumour cells, drugs such as Trenimon have valuable applications in the chemotherapeutic treatment of cancer. Other ethylene-imino drugs are represented by Tretamine (2,4,6-tris-ethylene-imino-triazine) and other cytotoxic drugs include mustine (nitrogen mustard), Degranol (mannomustine), Endoxana (cyclophosphoramide), Myleran (busulphan) and Amethopterin (methotrexate).

BRANCH EVENTS

GLASGOW AND WEST SCOTLAND Professionalism in Pharmacy

SPEAKING on "The Challenge of Professionalism in Pharmacy" at a meeting of the Glasgow and West of Scotland Branch of the Pharmaceutical Society on October 10, MR. J. P. KERR (a member of Council) said the question had received increasing attention in recent years. That was partly because the problems of commercial survival had become less acute since the 1930's, but also because the increasing numbers of young entrants with good academic qualifications were insistent on higher professional standards. Recognition of pharmacy as a profession depended on the behaviour of the individual pharmacist. He could choose to act professionally or otherwise. Advertising of dispensing services was generally accepted as unethical, but was the pharmacist also acting unprofessionally by advertising products he prepared? Should he recommend products advertised to the public in a misleading and irresponsible manner? If the pharmacist sold his wares in the same way as the grocer he could not complain if he were classed along with the grocer in the public estimation. Professional prestige was reduced by participating in catchpenny publicity schemes, and the Pharmaceutical Society had rightly

condemned some recent examples. Professionalism was not confined to the dispensary, but should govern all the business activities of the pharmacist.

Opening the discussion MR. P. J. GILBRIDE asked whether the Society's objections to the Vick scheme could not more profitably have been reported in the national Press. MR. KERR replied that the Society's journal was the normal route of communication between the Council and members, but that articles had appeared also in the Press. In answer to the criticism that he had not mentioned hospital pharmacy, the speaker apologised for the omission, but felt that the most pressing problems lay in general practice. Pharmacy was, however, a single profession, and the fate of the hospital pharmacist was inextricably bound with that of his colleagues. On the proposed increase in the personal retention fee, he said that the Society had been drawing heavily on its available capital and that the increase was inevitable. He did think, however, that the announcement of the increase should not have been made, as it was, without explanation or prior consultation with members. That was an example of poor public relations between the Council and members. Replying to MR. J. D. MAIR, the speaker said that the Society was setting up a committee to collect and collate the economic facts of pharmacy in England and the information would be available to all sections of pharmacy. A vote of thanks from MR. W. C. MACMASTER terminated the proceedings.

INVERNESS

First Investiture with New Badge

A MEETING of the Northern Scottish Branch of the Pharmaceutical Society on October 11 was addressed by MR. J. P. Kerr (a member of Council). Before speaking on "The Future of Pharmacy," he invested the branch chairman (Mr. James Conn) with the newly acquired badge of office. Part of the cost of the badge was met by the Inverness and District Pharmacists' Association. Mr. D. MacLeary (vice-chairman) proposed a vote of thanks to Mr. Kerr.



Mr. J. P. Kerr (a member of the Pharmaceutical Society's Council) invests the chairman of the Northern Scottish Branch (Mr. James Conn) with newly acquired badge of office.

FLY-BY NIGHT IS ARRESTED

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Big, bold whole-page advertisements in the top photographic magazines will be selling Philips 'Photoflux' flashbulbs fast this autumn and winter. Using dramatic pictures like the one shown here, these advertisements will show dynamically just what can be done with flash photography. And they promote the whole range of Philips photographic lamps, too!



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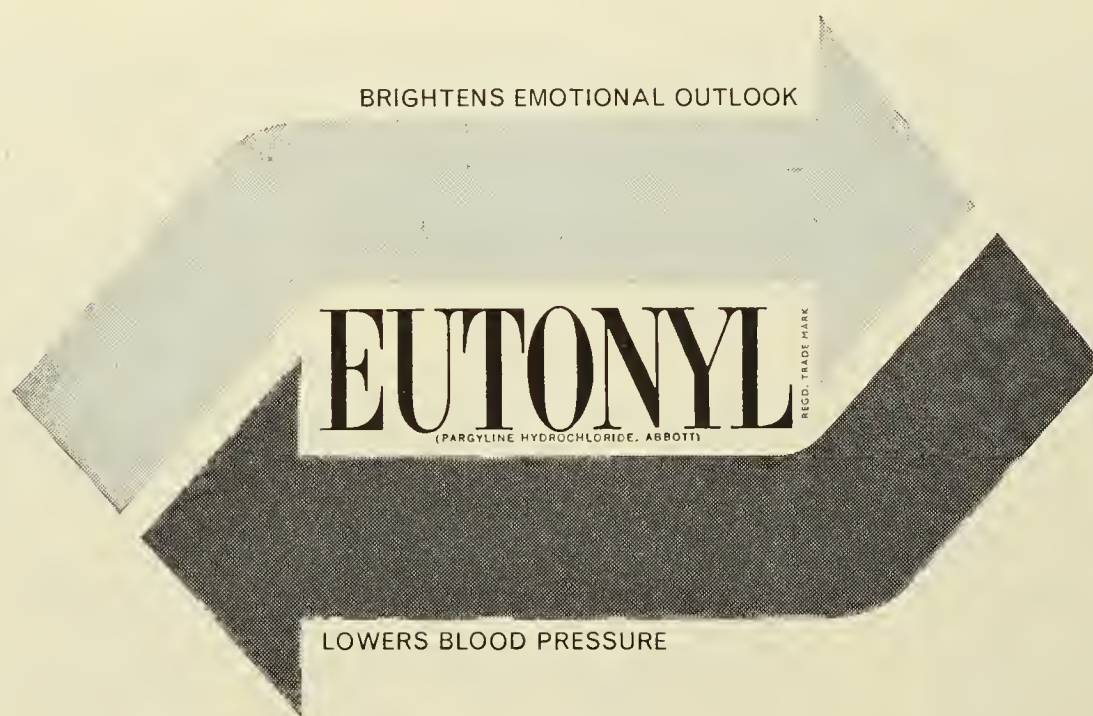
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Philips mean business with 'Photoflux'. They've doubled their production capacity to make sure that you'll get all the 'Photoflux' flashbulbs you order. So get ready for your biggest flash sales year — order fresh stocks of 'Photoflux' today.



A major new antihypertensive agent from Abbott



Eutonyl* is an important new drug for the treatment of moderate to severe essential hypertension. Most hypertensive patients respond to Eutonyl therapy with a reduction of both systolic and diastolic blood pressures in the standing position, and many also experience significant reductions in other positions.

Many hypertensive patients have been impressed by an improved sense of well-being; and while the use of Eutonyl in the treatment of depression is still being evaluated, in this respect alone it offers a useful advance over other antihypertensive agents.

Eutonyl is a unique non-hydrazine chemical substance with monoamine oxidase inhibiting properties. Extensive laboratory and clinical studies indicate that it is free from serious toxicities, though suitable precautions should be

observed as with all new drugs. The side effects of Eutonyl therapy are relatively infrequent and mild if dosage is adjusted to prevent orthostatic hypotension. The combination of a thiazide diuretic such as Enduron* (methylethiothiazide, Abbott) with a reduced dosage of Eutonyl further reduces side effects and also enhances the antihypertensive response in the sitting and lying positions.

Eutonyl is supplied in two strengths as Eutonyl (25 mg pargyline hydrochloride) and Eutonyl-Ten (10 mg pargyline hydrochloride) Filmtabs*, in bottles of 100.

Comprehensive literature is available on all aspects of this important new agent: dosage, side effects, precautions and the wide measure of agreement on its clinical efficacy even in the most difficult cases.

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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, OCTOBER 30: Trading in CRUDE DRUGS remained exceedingly quiet during the week and most prices were repeated in the absence of business.

Prime Cape ALOES were again on offer but there was little interest shown in the commodity. BELLADONNA HERB was up twopence per lb. on the spot and SENEGA added a further sixpence per lb. to last week's advanced price because of difficulty in getting replacement from origin. COCILLANA BARK was down by one penny per lb. and STYRAX by sixpence. There was no improvement in the supply position of Chinese HUBARB or in white SQUILL. Brazilian CATHOL was threepence per lb. lower at 22s. 3d. in-bond and the Formosan, the shilling lower at 26s. 6d. in-bond. In ESSENTIAL OILS Chinese ANISE was reduced by sixpence per lb. in both positions and PETITGRAIN by one shilling. PALMAROSA at 62s. 6d. per lb. spot was down 2s. 6d. and both Chinese and Brazilian PEPPERMINTS were fractionally easier. Dearer per lb. were CITROELLA with both Ceylon and Chinese at threepence. Penang PATCHOULI rose by a further 2s. per lb.

CORTISONE, PREDNISOLONE and PREDNISONE have been reduced in price. Because of the continuous rise in the cost of ZINC metal, the price of OXIDE, P. has been advanced by £3 per ton, making 2-ton lots now £103 per ton. SUGAR prices again rose daily and by October 28 raw material had reached a peak of £103 10s. per ton.

Pharmaceutical Chemicals

ANEURINE HYDROCHLORIDE. — One-kilo 55s.; 10-kilos, 100s.

ASCORBIC ACID. — One-kilo, 40s. 6d.; 10-kilos, 37s. per kilo; 25-kilos, 35s. 6d.

BACITRACIN. — Sterile topical is 53s. per mega unit for 25 m.u.

BORAX. — B.P. grade, 1 ton and upwards: granular, £54 10s.; crystals, £58; powder, £59; extra fine powder, £60 per ton, all in hessian sacks. Less £1 for paper bags. Commercial from £44 10s. to £51 per ton according to type and packing. Anhydrous borax £60 per ton in hessian bags or £59 in paper bags; carriage paid in Great Britain. Surcharges for small quantities: less than 1 ton but not less than 10 cwt., 1s. per cwt.; 5 to 9 cwt., 4s.; 1 to 4 cwt., 8s.

LONDON EXCHANGE

RATES

At the opening on Tuesday

Amsterdam...	Florins to £	10-08½-10-09½
Bombay	Shillings to rupee	1/5½-1/6½
Brussels	Francs to £	139-60-139-65
Copenhagen	Kronor to £	19-32½-19-32½
Frankfurt	D Marks to £	11-12½-11-13
Hong Kong	Shillings to \$	1/2½-1/3½
Karachi	Shillings to rupee	1/5½-1/6½
Lisbon	Escudos to £	80-20-80-30
Malaya	Shillings to \$	2-4-2-4½
Milan	Lira to £	1,741½-1,741½
Montreal	Dollars to £	3-01½-3-01½
New York	Dollars to £	2-78-2-82
Oslo	Kronor to £	20-02½-20-02½
Paris	Francs to £	13-70½-13-71½
Stockholm	Kronor to £	14-52½-14-53
Zurich	Francs to £	12-07½-12-07½

*Bank of England official limits. Bank rate: 4 per cent. from January 3.

CALCIFEROL. — B.P. from 2s. 9d. per gm. for 1-kilo lots in standard packages.

CALCIUM CARBONATE. — B.P. light precipitated powder, 1-ton lots, £37 10s. per ton in free bags, ex works.

CALCIUM CHLORIDE. — B.P.C. fused, 11½d. per lb. in 1-cwt. lots.

CALCIUM GLUCONATE. — 10s. 6d. to 12s. per lb., as to quantity.

CALCIUM PANTOTHENATE. — 97s. 6d. per kilo.

CALCIUM PHOSPHATE. — B.P.C. is 1s. 5d. per lb. for 1-cwt. lots and 1s. 4d. for 5-cwt.

CHINIOFON. — B.P. 1948, 58s. per kilo; CHINIOFONIC ACID, 83s. 9d. per kilo.

CORTISONE. — One-kilo lots, ACETATE, 4s. 6d.; HYDROCORTISONE ACETATE or ALCOHOL, 4s. 9d. per gm.

CREOSOTE. — B.P. quality, ex beechwood, from 6s. 9d. to 7s. 6d. per lb.

CRESOL. — B.P. quality, 7s. 9d. per gall. in 5-gall. lots.

CYANOCOBALAMIN. — Under 25-gm. lots, 80s. per gm.; under 100-gm., 77s. 6d. per gm.; over 100 gm., 75s. per gm.

FOLIC ACID. — B.P. and U.S.P., 1-kilo lots, £21 7s. 6d. per kilo.

HYDROGEN PEROXIDE. — 27.5 per cent. (by weight), £115 per ton; 35 per cent., £138 in returnable carboys.

HYDROQUINONE. — One-cwt. lots, 10s. per lb., 1-ton, 8s. 6d.

KAOLIN. — Light, 60s. per cwt.; 1-ton, 57s. per cwt.

LACTOSE. — B.P. in 1-ton lots packed in 1-cwt. paper-lined sacks, £129 10s. per ton, delivered in the United Kingdom.

LEAD ACETATE. — B.P. crystals, 225s. per cwt.

MENAPHTHONE. — (One-kilo lots) B.P. 140s. per kilo; ACETOMENAPHTHONE, B.P., 140s.; WATER-SOLUBLE (menadione sodium bisulphate, U.S.P.), 105s.

METHYL SALICYLATE. — Five-ton lots, 3s. 2d. per lb.; 1-ton, 3s. 2½d.; 10-cwt., 3s. 3d.; 5-cwt., 3s. 6d.; 1-cwt., 3s. 8d.

METHYL TESTOSTERONE. — Per kilo, £95.

NEOMYCIN. — SULPHATE, B.P., 740s. per kilo; 5-kilos, 700s. per kilo.

NICOTINAMIDE. — (Per kilo), One-kilo, 38s.; 10 kilos, 36s.; 50 kilos, 34s. 6d.

NICOTINIC ACID. — One-kilo, 28s.; 50-kilos, 24s. per kilo.

NIKETHAMIDE. — Per kilo, 100s.

OESTRADIOL. — MONOBENZOATE, 14s. 6d. per gm.

OXALIC ACID. — Manufacturers' rates for 1-ton lots, £128 per ton.

PARACETAMOL. — One-ton lots, 10s. 2d. per lb.

PARAFFINS. — Prices to wholesale distributors per gall. — *Liquid*: HEAVY, B.P., in drums, 8s. 8½d. to 8s. 9½d. as to quantity; over 500 gall. in bulk, 8s. 7½d. *Light*, B.P., drums, 7s. 1½d. to 7s. 2½d.; bulk, 7s. 0½d. *Technical white*: LIGHT, 6s. 6d. to 6s. 7d. and 6s. 3d. in bulk; MEDIUM, 7s. 7d. to 7s. 8d., bulk, 7s. 4½d. Drums charged and returnable. *Soft*: Best grades WHITE, medium consistency, £116 15s. per ton and soft consistency, £113 17s. 6d. YELLOW, £94 10s. Other grades (all B.P.) at £95, £100 10s., £106 per ton for white and at £74 17s. 6d. for yellow. All in non-returnable drums delivered.

PENICILLIN. — SODIUM, POTASSIUM, or PROCAINE, 6d. per mega unit.

PHENOL. — Ice crystals in bulk, 1s. 4d. per lb. LIQUID, B.P., 1s. 9d. per lb. in 56-lb. returnable tins.

PHYSOSTIGMINE. — Per oz. for 4-oz. lots: ALKALOID, 476s.; SALICYLATE, 321s.; SULPHATE, 411s.

POTASH SULPHURATED. — Lump, B.P.C., 3s. 2d. per lb. in 1-cwt. lots.

POTASSIUM ACETATE. — (Per lb.) 1-cwt. lots, 3s.; 5-cwt., 2s. 8d.; 10-cwt., 2s. 6d.

POTASSIUM BICARBONATE. — B.P. powder, 110s. per cwt. 1-4 cwt. lots and 105s. per cwt. for 5-cwt. and over.

POTASSIUM BROMATE. — In 5-cwt. lots, 5s. 3d. per lb.

POTASSIUM CARBONATE. — One-cwt. kegs, 2s. 4d. per lb.

POTASSIUM CHLORATE. — One-cwt. cases, 2s. 6d. per lb.

POTASSIUM CHLORIDE. — One-cwt. lots, 1s. 6d. per lb.

POTASSIUM HYDROXIDE. — B.P. sticks are from 6s. 10d. per lb. and pellets, 4s. 6d.; technical flake, 1s. 10d.

POTASSIUM 8-HYDROXYQUINOLINE SULPHATE. — 1-kilo is 55s. per kilo.

POTASSIUM METABISULPHITE. — One-cwt. kegs, 170s.

POTASSIUM NITRATE. — Pharmacopœial quality, 100s. per cwt. (crystals or powder) in 1-cwt. lots.

POTASSIUM PERMANGANATE. — B.P. in 1-cwt. lots, 2s. 0½d. per lb. Technical 218s. 6d. per cwt.; 1-ton lots, quoted at 207s. 6d. per cwt.

POTASSIUM QUADROXALATE. — One-cwt., 3s. 6d. per lb.

POTASSIUM SULPHATE. — B.P.C. '49, 1s. 2d. per lb.

POTASSIUM THIOCYANATE. — One-cwt., 5s. 6d. per lb.

PREDNISOLONE. — ALCOHOL, 8s. per gm.; ACETATE, 9s. per gm. for 250-gm. lots.

PREDNISONE. — One-kilo lots, ALCOHOL and ACETATE, 7s. 6d. per gm.

PROGESTERONE. — Price is 1s. 3d. per gm. for 1-kilo lots.

PYRIDOXINE. — One-kilo, £27 10s. per kilo; 10 kilos, £27 5s.

RIBOFLAVINE. — One kilo, 210s.

SANTONIN. — 5-kilo lots, 320s. per kilo.

SODIUM PANTOTHENATE. — Per kilo, 115s.

STREPTOMYCIN. — BASE or SULPHATE, 9d. per gm. Same prices for DIHYDRO.

SULPHUR. — (Per ton), SUBLIMED FLOWERS, B.P., £47 10s.; COMMERCIAL, £45; POWDER, £19 to £24; PRECIPITATED, B.P., £100; ROLL, £24. All ex store.

TALC. — One-ton lots, B.P.C. in kegs, 1s. 2d. per lb.

TEREBENE. — B.P.C., one-carboy lots, 4s. 5d. per lb.

VITAMIN A. — Synthetic. Supplied in concentrate 1 million international units per gm. as acetate or palmitate the price is £19 15s. 10d. per kilo for one-kilo lots.

VITAMIN D. — D₂ powder for tableting 850,000 i.u. per gm., 125s. per kilo; in oil, 1 million i.u. per gm., 67s. 6d. per kilo for 100,000 m.i.u. Crystalline: see under calciferol. D₃ in oil (1 mega per gm.), threepence per mega for less than 1,000 megas. Crystalline, 12s. per gm. in 100-gm. ampoule.

VITAMIN E (synthetic or natural). — TOCOPHEROL ACETATE, B.P., 25 gm. to 100 gm., ninepence per gm., 100 gm. to 1 kilo, sixpence per gm., 1 kilo and under 10 kilos, £22 per kilo; 10 kilos, £21 15s. per kilo.

Crude Drugs

ACONITE. — Spot. Spanish *napellus*, 2s. 8d. per lb.

AGAR. — Kobé No. 1, 12s. 3d. per lb. in bond; October–November shipment, 12s. 3d. c.i.f.

ALOES.—Primes, 240s. per cwt. spot and 235s., c.i.f. for shipment, Curaçao, spot, 310s.; shipment, 300s., c.i.f.

BELLADONNA.—Hcrb 2s. 5d. per lb., duty paid. ROOT, testing over 0.5 per cent., 1s. 8d. per lb.

CALUMBA ROOT.—Spot cleared.

CAMPHOR. — B.P. powder nominally 4s. 9d. per lb. in bond. No c.i.f. offers.

CAPSICUMS. — East African on stalk, 150s. per cwt.; Ethiopian, 145s.

CASSIA.—*Fistula*, 105s. per cwt. landed; *lignea* (whole), for prompt shipment, 195s., c.i.f.; selected broken, 185s., c.i.f.

CHAMOMILE. — "Roman" type, new crop, 14s. per lb. delivery; German type, old crop, 7s.

CINNAMON.—BARK, Seychelles, 95s. per cwt. spot; shipment, 70s., c.i.f. QUILLS, Ceylon (per lb., c.i.f.): 4 O's, 7s. 3½d.; single O, 6s. 6½d.; quillings, 5s. 2½d.

CLOVES.—Zanzibar spot, 2s. 10½d. per lb. standard grade; shipment, 2s. 7d., c.i.f.

COCILLANA.—Bark 1s. 11d. per lb. on the spot.

DIGITALIS.—*Purpurea* leaves, 2s. 6d. per lb.

ELEMI.—Spot, 1s. 4d. per lb.; shipment, 1s. 1d., c.i.f.

ERGOT. — Portuguese, 8s. 6d. per lb. spot and 8s. 3d., c.i.f.

GINGER.—(Per cwt.) African, spot 350s. per cwt.; shipment 285s., c.i.f. Jamaican No. 3 spot, 775s. Cochinchina, 295s.; new crop for shipment offered at 192s. 6d., c.i.f.

GUM ACACIA. — Kordofan-cleaned sorts, 155s. per cwt., spot; prompt shipment, 146s., c.i.f.

HENNA. — Indian, for shipment, 75s., c.i.f.

HONEY. — (Per cwt.) Australian light amber, 160s. to 162s. 6d. and medium amber, 155s. to 160s. Argentine, 170s. to 172s. 6d.; Jamaican, 152s. 6d. to 157s. 6d.; Canadian, 170s. to 172s. 6d.; Mexican, 155s. to 160s.; all ex warehouse.

IPECACUANHA.—Shipment (c.i.f.): Matto Grosso, 69s. per lb. Costa Rican, 92s. Limited spot offers of Costa Rican at 94s.

JUNIPER BERRIES. — Italian, 140s. per cwt.; German, 145s. spot.

KARAYA. — No. 1 gum, spot nominal; No. 2, 325s. per cwt.

KOLA NUTS. — African, 5½d. spot and 4½d., c.i.f. (per lb.).

LANOLIN. — ANHYDROUS B.P. is from 1s. 8½d. to 1s. 10½d. per lb. in 1-ton lots delivered free drums.

LEMON PEEL.—Spot, 1s. 6d. to 2s. 3d. per lb. according to quality.

LINSEED. — Whole, 72s. 6d. per cwt.; crushed, 110s.

LIQUORICE. — Natural root: Russian, 65s. per cwt.; Anatolian, 57s. 6d.; Anatolian decorticated, 170s.; Sicilian 1-kilo-bundles, 1s. 8d. per lb. Block juice: Anatolian 210s. per cwt.; Italian stick from 400s. to 475s. per cwt.

MACE.—Whole, pale blade, 15s. per lb.; shipment, 14s., c.i.f.

MALEFERN.—Root for shipment quoted at 75s. per cwt., c.i.f.

MENTHOL.—Chinese: spot, 36s. per lb. duty paid; November shipment, 33s., c.i.f. Brazilian, 22s. 3d. in bond; shipment, 22s. 6d., c.i.f. Formosan, 26s. 6d. in bond; shipment, 24s., c.i.f.

MERCURY. — Spot ex warehouse has risen to £63 per flask of 76 lb.

NUTMEGS.—West Indian 80's, 8s. 6d. per lb.; defectives, 7s. East Indian for

shipment: 80's, 7s. 4d. per lb.; 110's, 7s.; b.w.p., 5s., c.i.f.

NUX VOMICA.—Cochin, 75s. per cwt. on the spot; shipment, 47s. 6d., c.i.f.

ORANGE PEEL. — Spot: Sweet ribbon, 1s. 8d. per lb.; bitter quarters: West Indian, 10½d.; Spanish, 1s. 4d.

QUASSIA.—Spot, 57s. 6d. per cwt.

PAPAIN. — For shipment: East African white, No. 1, from 37s. 6d. to 40s. per lb., c.i.f.

PEPPER.—White Sarawak spot, 2s. 11d. to 3s. per lb.; prompt shipment, 2s. 10½d., c.i.f. Black Sarawak spot, 2s. 7d.; shipment, 2s. 3½d., c.i.f. Black Malabar, 320s. per cwt. spot; shipment, 285s., c.i.f.

PIMENTO. — Spot quoted at 728s. per cwt.; shipment, 580s., f.o.b.

PODOPHYLLUM.—Spot, per cwt.: *Emodi*, 235s.; shipment, 225s., c.i.f.; *Peltatum*, 365s. spot.

PYRETHRUM. — Extracts—partially de-waxed, 25 per cent. pyrethrins, 69s. to 65s. 6d. per lb.; pale 82s. 6d. to 79s.; crude oleoresin, 60s. 6d.

QUILLIA. — Spot, 150s. per cwt.; shipment, 120s., c.i.f.

RHUBARB. — Chinese spot cleared; shipment offers not available from origin.

SAFFRON. — Mancha superior about 200s. per lb. spot.

SARSAPARILLA. — Jamaican native red spot, 2s. 11d. per lb.; shipment, 2s. 5d., nominal.

SEEDS. — (Per cwt.) ANISE.—Spanish, 285s., duty paid. CARAWAY.—Dutch, 170s., duty paid. CELERY.—Indian, 170s., spot; shipment, 142s. 6d., c.i.f. CORIANDER.—Moroccan, 62s. duty paid for current crop; shipment unchanged at 52s., c.i.f. CUMIN.—Cyprian, 195s.; Indian, 190s.; Iranian, 195s., duty paid. DILL.—Indian, 77s. 6d.; shipment, 54s., c.i.f. FENNEL.—Indian, 125s.; shipment, 112s. 6d., c.i.f. FENUGREEK.—Moroccan, 50s. to 52s. 6d. quoted duty paid; shipment, 37s., c.i.f. MUSTARD.—English, 42s. 6d. to 70s., according to quality.

SENEGA. — Spot, 16s. 6d. per lb.; shipment, nominal.

SENNA. — (Per lb.) *Tinnevelly* LEAVES, spot: Prime No. 1, 2s. 3d.; prime No. 2 1s. 9d.; No. 3, f.a.q., 1s. 3d. PODS: hand-picked. *Tinnevelly* quoted at 3s. 1½d. ex wharf. *Alexandria* pods: Hand-picked from 4s. to 8s.; manufacturing rather scarce at 2s. 6d.

SHELLAC.—F.O.T.N., 192s. 6d. per cwt.; No. 1, 207s. 6d.; F.O., 225s. to 275s.

SQUILL.—New crop spot cleared; shipment, nominally 150s., c.i.f. per cwt.

STRAMONIUM.—Continental LEAVES 85s. per cwt. spot.

STYRAX.—Spot, 20s. 6d. per lb.; shipment, 20s., c.i.f.

TONQUIN BEANS.—Para spot, 5s. 4d. per lb.; shipment, 4s. 10½d., c.i.f.; Trinidad, 7s. 6d., spot.

TRAGACANTH.—No. 1 ribbon about £190 per cwt. No. 2, £180, spot.

TURMERIC. — Madras finger spot, 150s. per cwt.; shipment, 147s. 6d., per cwt. quoted.

VALERIAN ROOT. — Spot: East European, 175s. per cwt.; Indian, 175s. Shipment: Continental, 172s. 6d. to 205s. 6d. c.i.f.

VANILLIN.—Rates (per lb.) are now:—5-cwt. lots, 21s. 6d.; 1-cwt., 21s. 9d.; 56-lb., 22s.; small quantities, 22s. 6d.

WAXES — (Per cwt.): BEES.—Dar-es-Salaam, spot, 440s.; shipment, 415s., c.i.f. Abyssinian, spot, 390s., in bond; shipment, 385s., c.i.f. CANDELILLA, spot, 465s.; forward, 460s. landed. CARNAUBA, fatty grey, spot, 295s.; shipment, 285s., c.i.f.; prime yellow, spot, 740s.; shipment, 685s., c.i.f.

WITCH HAZEL LEAVES.—Spot quotations arc 2s. 6d. per lb.

Essential and Expressed Oils

ALMOND. — Sweet, English expressed, 9s. 6d. per lb.; foreign, 7s.

AMBER.—Rectified on the spot, 1s. 6d. per lb.

ANISE. — Chinese, 15s. per lb., spot; shipment, 14s. 6d., c.i.f.

BERGAMOT. — Case lots on spot from 88s. 6d. per lb. as to ester content.

BOIS DE ROSE.—Brazilian, 22s. 6d. per lb. on the spot; prompt shipment, 19s. 6d., c.i.f.

CAJUPUT.—Spot, from 10s. per lb.

CAMPOR, WHITE. — Chinese, 2s. 7d. duty paid, per lb.; shipment, 1s. 10d. c.i.f.

CARAWAY.—Imported oil, 34s. per lb.; English, 60s.

CEDARWOOD. — Rectified 6s. per lb. on the spot.

CITRONELLA.—Ceylon spot, 9s. 9d. nominal; shipment, 9s. 9d. per lb., c.i.f. Formosan, 8s. 3d., in bond; November–December shipment, 7s. 9d., c.i.f. Chinese, November shipment, 7s. 9d., c.i.f. and 8s., spot.

CLOVE.—Madagascar leaf spot, 7s. 1½d. per lb.; duty paid; shipment, 6s. 4d., c.i.f. RECTIFIED 87–88 per cent., 12s. Distilled bud-oil, ENGLISH B.P., 26s. per lb. for 1-cwt. lots.

CUMIN.—English distilled oil, 130s. per lb.; imported, 90s.

DILL.—Imported, 31s. per lb., spot.

GINGER.—Imported: Indian, 150s. per lb.

JUNIPER. — B.P.C. 1949 oil is from 13s. 6d. per lb. JUNIPER WOOD, from 5s.

LEMONGRASS. — Spot, 11s. 1½d. per lb.; shipment, 11s., c.i.f.

LIME.—West Indian distilled 52s. 6d. per lb. on the spot.

PATCHOULI.—Penang is 24s., duty paid and 22s., c.i.f., per lb.

PEPPERMINT. — *Arvensis*: Chinese spot, 9s. 9s.; shipment, 9s. 4d., c.i.f. Brazilian spot, 6s. 10½d.; shipment, 6s. 9d., c.i.f. *Piperita*: Italian, 48s. to 70s., spot. American from 32s. 6d. per lb. as to make.

PETITGRAIN. — Paraguay, 17s. per lb., spot; shipment, 16s. 6d., c.i.f.

SAGE.—Spanish, 11s. 6d. per lb.; Dalmatian, 25s.

SANDALWOOD. — Spot Mysore, 107s. 6d. per lb.; forward. East Indian, 107s. 6d., c.i.f.

SPEARMINT.—American oil on the spot, 26s. per lb.

TANGERINE.—Sicilian from 27s. 6d. to 48s. per lb., as to quality.

VETIVER.—Bourbon spot, 85s. to 105s. per lb.; shipment, 95s., c.i.f.

YLANG-YLANG. — Best oil quoted about 145s. per lb.

UNITED STATES REPORT

NEW YORK, OCTOBER 29: Following reports that the Brazilian crop of JABORANDI is poor this year, PILOCARPINE HYDROCHLORIDE rose to \$4.60 an oz., up 65 cents, while the NITRATE advanced to \$4.50 up 55 cents. Single strength U.S.P. grade powdered THYROID was increased to \$4.45 a lb. from \$3.80. SPARTEINE SULPHATE was boosted \$1 for the N.F. grade to make the price \$3 an oz. owing to damage to, the broom top herb crop. RAUWOLFIA SERPENTINA rose five cents to \$1.80 a lb. Higher per lb. among ESSENTIAL OILS were PIMENTO BERRY at \$7.25, up \$1; LAVANDIN at \$2.65, up 25 cents; and distilled LIME at \$7.10, up 20 cents. CANANGA declined to \$4.50, down 35 cents, with the rectified, at \$5.50, down 25 cents.

SCOTTISH DEPARTMENT, PHARMACEUTICAL SOCIETY,
36 York Place, Edinburgh, at 7.45 p.m. Dr.
R. H. Girdwood (professor of therapeutics,
University of Edinburgh) on "Can We Afford
a First-rate Health Service?" (illustrated).

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," October 16

- For liquid disinfectants (5)
KIT, 846,695, by Iclver Brothers, Port Sunlight, Ltd., Port Sunlight, Ches.
- For veterinary preparations consisting of or containing thyroprotein (5)
THYROXIMONE, 847,473, by Agri-Tech, Inc., Kansas City, Missouri, U.S.A.
- For pharmaceutical products (5)
SYNTOPRESSIN, 848,179, by Sandoz Products, Ltd., Horsforth, Leeds.
- For pharmaceutical preparations in syrup form for use in the treatment of coughs (5)
SYRTUSSAR, 849,696, by Armour Pharmaceutical Co., Chicago, Illinois, U.S.A.
- For all goods (5)
TAXOFIT C, 851,872, by Anasco Arznei-und-gesundheitspflegemittel, G.m.b.H., Wiesbaden, Germany. ESPRI, 852,579, by Colgate-Palmolive Co., New York, U.S.A.
- For pharmaceutical preparations and substances for human and veterinary use (5)
VEBONOL, 852,571, by CIBA, Ltd., Basle, Switzerland.
- For cinematograph projecting apparatus, cinematograph cameras, sound recording apparatus, sound reproducing apparatus; cinematograph film and being wholly or partially coloured (9)
COLORPOINT, 842,028, by Promavia, Ltd., London, S.W.1.
- For photographic and cinematographic cameras, photographic and cinematographic projectors, photographic enlarging apparatus, light meters; tripods, electronic and capacitor flashguns, all for photographic purposes; binoculars; and parts (9)
HANSA, 851,632, by J. J. Silber, Ltd., London, E.C.1.
- For photographic projectors, photographic cameras, lenses and parts (9)
ERNO, 851,796, by R. Bennett & Sons, Ltd., Edgware, Middlesex.
- For hair slides (not of precious metal or coated therewith) and hair grips, all for attachment to the hair, etc. (26)
OLYMPIA, B845,768, by British Xylonite Co., Ltd., London, E.4.

From the "Trade Marks Journal," October 23

- For fertilisers and manures (1)
MAXIVITE, 841,262, by Maxicrop, Ltd., Holdenby, Northants.
- For chemical products used in industry and science; chemical products used in agriculture, horticulture, forestry, arboriculture, and viticulture; and fertilisers (natural and artificial) (1)
ONE, TWO, THREE, GO, B836,926, by Société pour le Développement et la Vente de Spécialités Chimiques, Paris 8e, France.
- For chemical products for use in the soil to conserve nutrients (1) and for fungicides, bactericides and preparations for killing weeds and destroying vermin (5)
N-SERVE, B844,395-6, by Dow Chemical Co., Midland, Michigan, U.S.A.
- For preparations in liquid or powder form, for laundry use (3)
FLEECY, B826,728, by Dominion Tar & Chemical Co., Ltd., Montreal 2, Quebec.
- For non-medicated toilet preparations for the hands (3)
CLIPP, B833,749, by N.V. Cosmetische Fabriek "Prodentia," Amersfoort, Netherlands.
- For perfumes, toilet preparations (non-medicated), cosmetic preparations, dentifrices, toilet articles not included in other classes, soaps and essential oils (3)
BUSY GIRL, B842,960, by Romney Cosmetics, Ltd., London, S.W.1.
- For perfumes, non-medicated toilet preparations and cosmetics, preparations for the hair, dentifrices, lipsticks, nail lacquers, and soaps (3)
KALISPERA, 843,834, by Les Parfums Jean Desses, Paris 8e, France.
- For bleaching agents for laundry and domestic purposes, containing a liquid preparation of sodium hypochlorite (3)
CHLOROS, B844,429, by Imperial Chemical Industries, Ltd., London, S.W.1.
- For massage cream (not medicated) (3)
LISSOM, B845,672, by F. Pinet, London, W.1.

For toilet preparations being adhesives for securing dental plates (3)

- ORAHESIVE, 848,395, by E. R. Squibb & Sons, Ltd., London, W.1.
- For perfumes, non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles and essential oils, but not including soap (3)
MANTILLA, 849,231, by Boots Pure Drug Co., Ltd., Nottingham.
- For perfumes, essential oils, aromatic substances for use in the manufacture of perfumes and toilet articles (3)
TRU-SIL, 849,442, by W. J. Bush & Co., Ltd., London, E.8.
- For perfumes, toilet preparations (not medicated), cosmetic preparations, dentifrices, depilatory preparations, toilet articles (not included in other classes), preparations for the hair, and soaps (3)
MONSAV, 849,854, by Union Savonnière, Clichy (Seine), France.
- For all goods (3)
RACASAN, 850,187, by Racasan, Ltd., Ellesmere Port, Ches.
- For preparations and substances for laundry use; cleaning, polishing, scouring and abrasive preparations; soaps (3)
OTAM, 850,333, by Henkel & Cie, G.m.b.H., Düsseldorf-Holthausen, Germany.
- For pharmaceutical preparations, deodorants, disinfectants, medicated bath preparations, medical and surgical plasters, medicated pomade, bandages, sanitary towels and sanitary tampons (5)
CEDENEUNPUNKT, 812,674, by Vereinigte Papierwerke Schickedanz & Co., Nuremberg, Germany.
- For pharmaceutical preparations (5)
LEDOSTEN, 829,973, by Lepetit, S.p.A., Milan, Italy.
- For pharmaceutical substances and preparations, all consisting of or containing chlorine-containing compounds (5)
MEGACOLOR, 841,809, by Icar Laboratories, Ltd., London, E.C.3.
- For pharmaceutical products (5)
VIB-ROCH, 842,334, by Zyma, S.A., Nyon, Switzerland.
- For worm destroying preparations (5)
WURMACIDE, B843,585, by Fisons Horticulture, Ltd., Felixstowe, Suffolk.
- For medicated preparations to aid the digestion in tablet, powder and biscuit form (5)
MEDULCA, 845,041, by Andomia Products, Ltd., Bradford, Yorks.
- For pharmaceutical preparations and substances for veterinary use (5)
POLYSOL, 851,361, by Stevenson, Turner & Boyce, Ltd., Guelph, Ontario, Canada, and Reading, Berks.

PATENTS

COMPLETE SPECIFICATIONS ACCEPTED

From the "Official Journal (Patents)," October 16

- Process for the production of pituitary hormones and the products thereof, Organon Laboratories, Ltd., 942,554.
- Oestrogen preparations and the manufacture thereof, Wellcome Foundation, Ltd., 942,743.
- Pharmaceutical compositions containing resin-drug adsorbates, Merck & Co., Inc., 942,873.
- Therapeutic compositions containing chlorthalopoxide, F. Hoffmann-La Roche & Co., A.G., 942,889.
- Therapeutic composition having a hypotensive action and containing mixture of 3-hydrazino 6-carbamoyl pyridazine and reserpine, Chimie et Atomistique, 942,981.
- Hypotensive compositions, Merck & Co., Inc., 943,052.
- Pharmaceutical compositions having appetite reducing properties, Boehringer Ingelheim, Ltd., 943,071.
- Medicine containing lactones from piper methy-sticum, Karl Thomae, G.m.b.H., 943,121.
- Production of pyrophosphoric acid esters, F. D. Cramer, 942,943.
- Insecticidal formulation, Montecatini soc. Generale per l'Industria Mineraria e Chimica, 943,120.
- Derivatives of carbamic acid and their manufacture and use, CIBA, Ltd., 943,161.
- Method and apparatus for sterilising containers, Metal Box Co., Ltd., 943,150.

- Protective or sanitary garment for pet animals, D. M. Haberkern, 943,116.
- Organic titanate materials, Unilever, Ltd., 942,806.
- Phenyl cyclohexane and -cyclohexene derivatives, intermediates for the synthesis of the female sex hormone estrone and other steroids, Director of Indian Institute of Science, 942,663.
- Methods of producing dimethyl β -ketoadipate and dimethyl α -methyl β -ketoadipate, Director of Indian Institute of Science, 942,664.
- Method of preparing phenol and acetone from cumene hydroperoxide, Soc. Italiana Resine, 942,982.
- Phenol sulphide nickel amine derivatives as light stabilizers, American Cyanamid Co., 943,081.
- 1-methyl-oestratriene-derivatives and the preparation thereof, E. Merck, A.G., 943,041.
- Steroid ethers, Francesco Vismara, S.p.A., 943,162.
- Photographic silver halide emulsions of increased sensitivity, Kodak, Ltd., 942,865, 942,931-33, 942,935.
- Photographic silver halide emulsions of increased sensitivity containing colour couplers, Kodak, Ltd., 942,934.
- Cameras, K. Vockenhuber, 942,660.
- Focal plane shutter for photographic cameras, H. Bergerhoff, 942,671.
- Photographic projection-printing machine for use with light-sensitive material in roll form, Agfa, A.G., 943,005.
- Frame for holding photographic film for processing, Agfa, A.G., 943,006.
- Apparatus for photographic printing of colour records, Ilford, Ltd., 943,105.
- High-activity cells, Commissariat à l'Energie Atomique, 942,954.
- Optical information storage system, National Cash Register Co., 942,639.
- Light sensitive material for stencil production, Kalle, A.G., 942,824.
- Photographic developers and method of increasing speed in photographic silver halide development, Kodak, Ltd., 942,937.
- Reproduction papers, Andrews Paper and Chemical Co., Inc., 943,113.
- British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2, from November 27.

CONTEMPORARY THEMES

Subjects of contributions in current medical and technical periodicals.

- DRUG STABILITY in solution, *Indian J. Pharm.*, September.
- ATROPINE in pharmaceutical preparations, Colorimetric estimation of, *Indian J. Pharm.*, September.
- SUTURELESS SKIN CLOSURE, *Brit. med. J.*, October 26.
- BARBITURATES as hypnotics, Clinical comparison of, *Brit. med. J.*, October 26.
- FOUR SEDATIVE DRUGS in elderly patients. Controlled comparison of, *Brit. med. J.*, October 26.
- BARBITURATES. Rapid method of screening for, *Brit. med. J.*, October 26.
- ANTIBACTERIAL AGENTS presently employed in ophthalmic preparations as preservatives against *Pseudomonas aeruginosa*. Effectiveness of, *J. pharm. Sciences*, October.
- PHARMACEUTICAL APPLICATIONS of the concept of equilibrium moisture contents, *J. pharm. Sciences*, October.
- PHARMACEUTICAL CLOSURES. Application of radio-isotopes to absorption in, *J. pharm. Sciences*, October.
- ANTIBIOTICS and the food industry, *Chron. Wld. Hlth. Org.*, October.
- AUTHENTIC CHEMICAL SUBSTANCES, WHO centre for, *Chron. Wld. Hlth. Org.*, October.
- GAS CHROMATOGRAPHY. Biological implications of, *Science*, October 11.
- INSTITUTE for experimental surgical instruments in Moscow, *Science*, October 11.
- MEASUREMENT OF OPTICAL ACTIVITY: new approaches, *Science*, October 11.
- RAUWOLFIA SERPENTINA. Further studies (with 3-year-old plants) on methods of propagation and their effect on root production and alkaloidal content of roots, *Forest Research Institute, Dehra Dun, Indian Forest Leaflet No. 165*.

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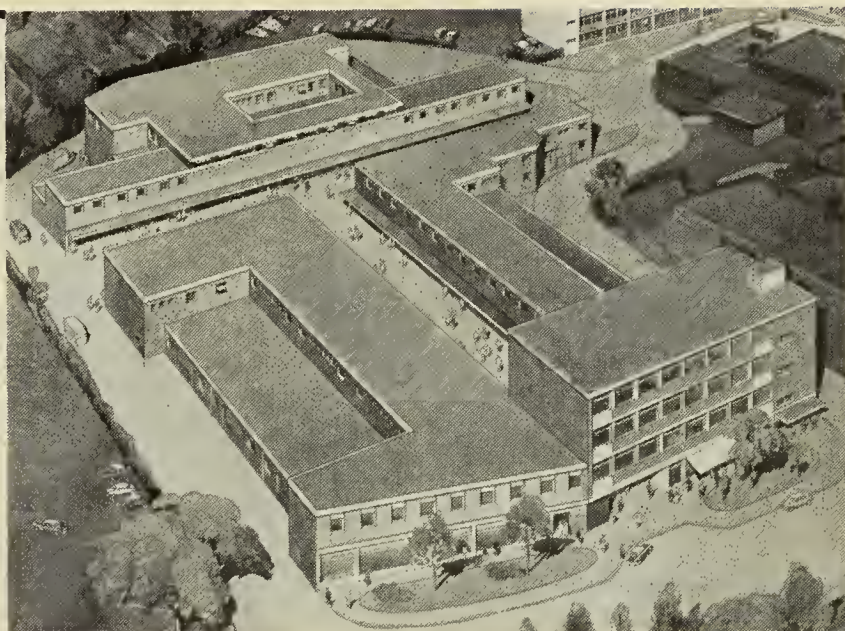
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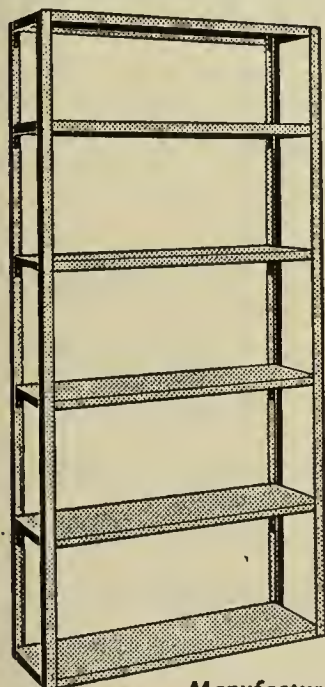
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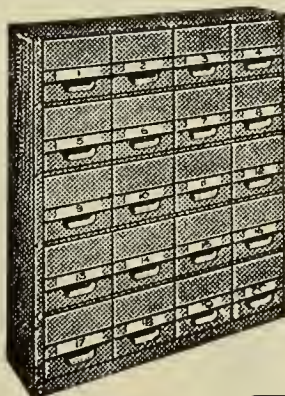
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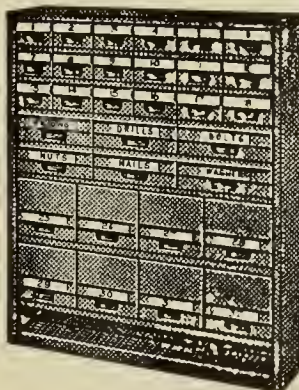
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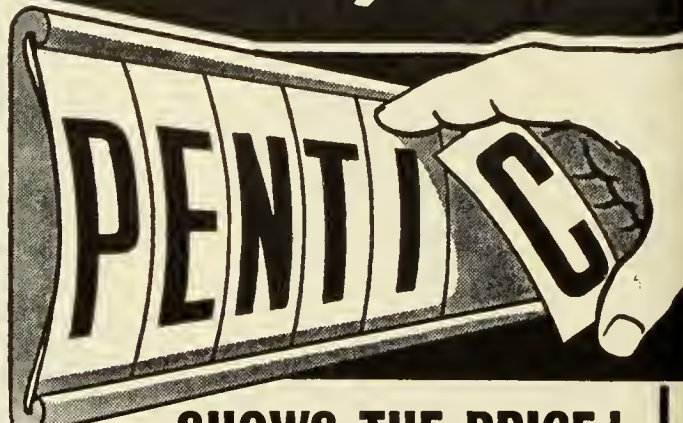
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SCHICK STAINLESS DOUBLE EDGE BLADES IN DISPENSER PACKS OF 5
Retail Price 3/6d each * List Price 24/7d dozen

BONUS—12 as 11

These Bonus Terms operate immediately and will be available until November 30th. (Bonus goods supplied Purchase Tax free).

NEW RETAIL PRICE EFFECTIVE NOVEMBER 25th

The new price of 2/2d for the SCHICK STAINLESS DOUBLE EDGE packets of 3 will **not** be advertised to the public until November 25th, although the reduced list price and Bonus Offer Terms are available to the Trade *now*.

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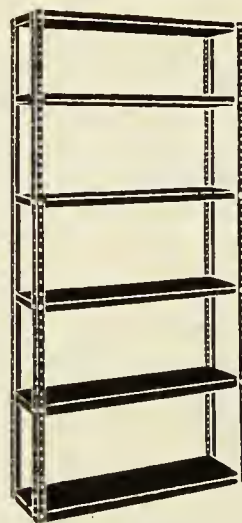
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Each shelf will hold over 3 cwt. Shelves adjustable every 2". Stove enamelled dark green. White enamel units 50% extra.

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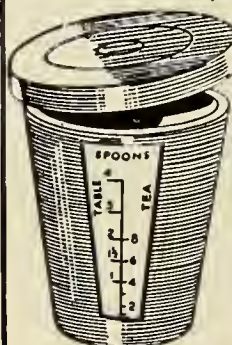
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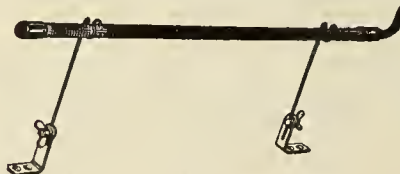
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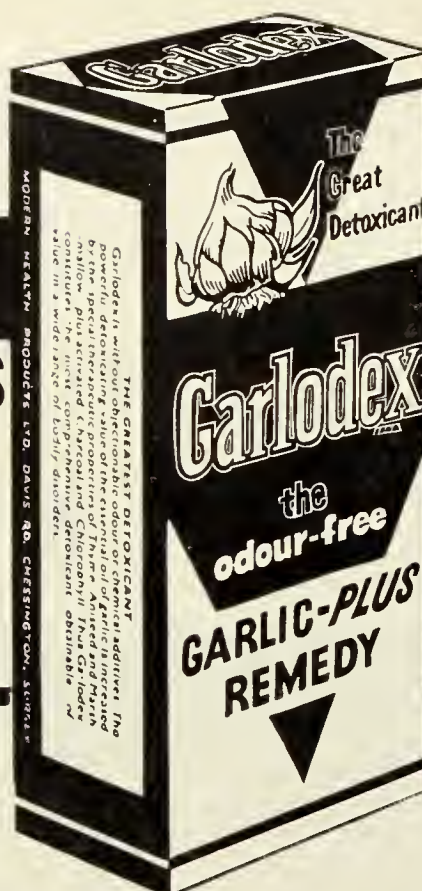


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Standard Trade Price 54/8 per doz.

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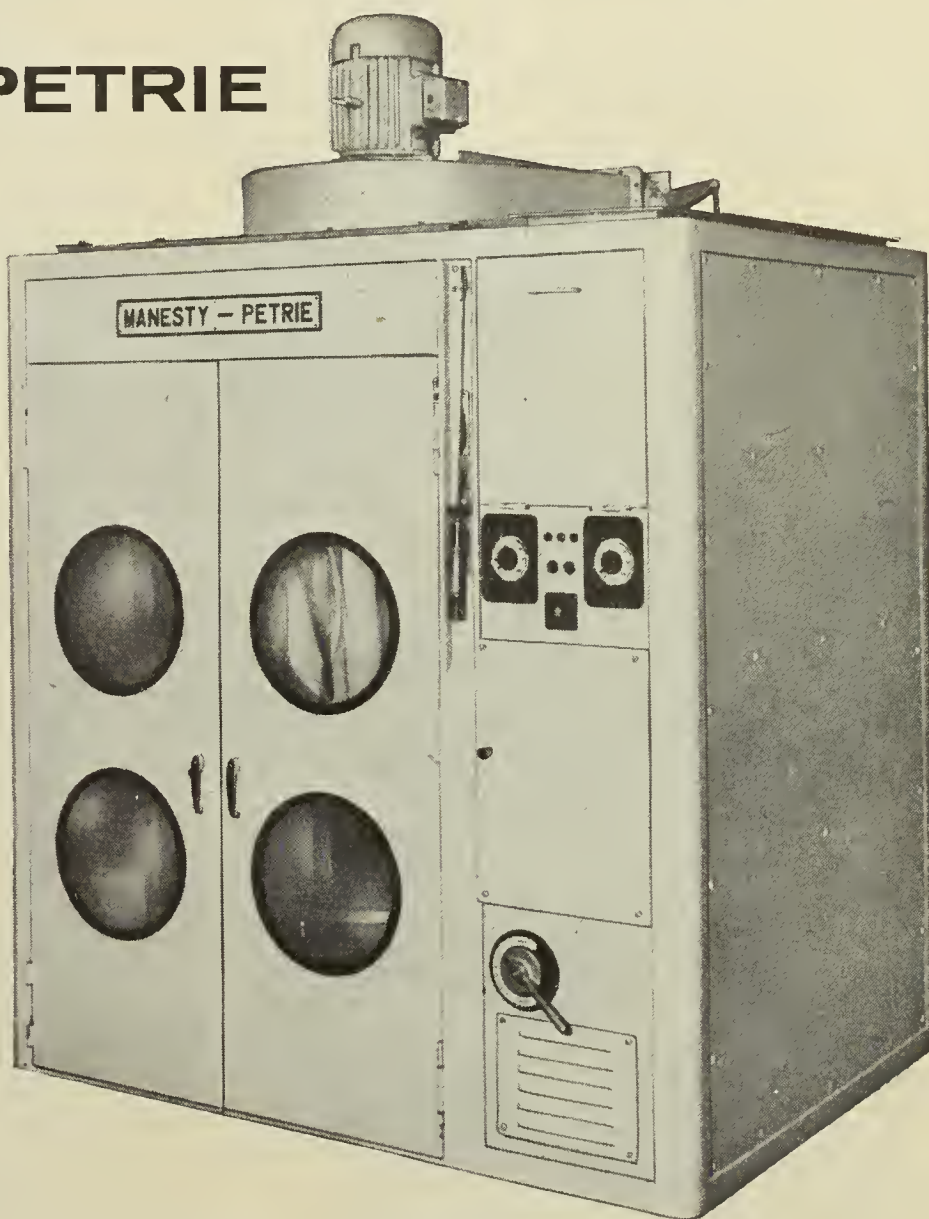
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DRYING IN MINUTES—
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It is indicated whenever additional protein is needed. Such need tends to occur in:

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In all such cases, Lloyd's High Protein Food is recommended because it is richer in protein than any equivalent product.

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Lloyd's High Protein Food, in $\frac{1}{2}$ -lb. jars, is available now. Order from your wholesaler, and put these attractive packs on display.

- * Wholesale price . . . 55/3 per dozen
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A heavy promotion of Lloyd's High Protein Food is being aimed at doctors, hospitals, and nurses. It will include full-page advertisements in the Medical Press, a sampling campaign, brochures, etc. This means that your customers will learn about the product from people they really trust!

FREE BOOKLET: To find out more about Lloyd's High Protein Food, please write for a free booklet.

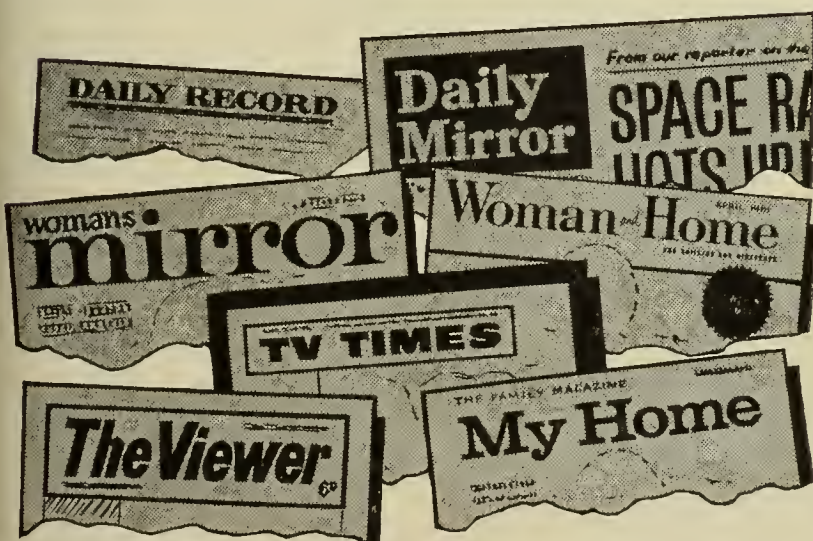
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Assorted sizes (8½ - 11) sent in
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Size 24" x 11" x 16" wide

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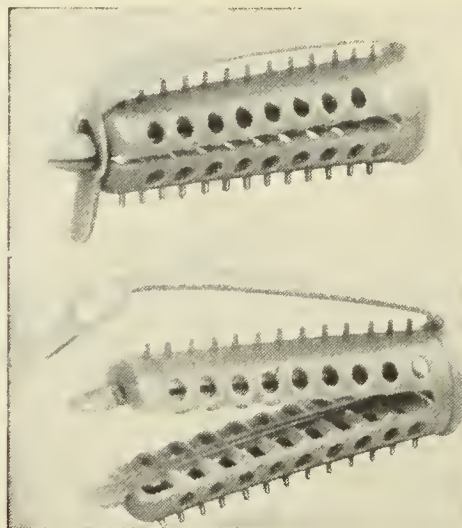
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Dispensing Assistant (Female)

Full time Dispensing Assistant (female) wanted, January 1964. Small modern hospital for children and staff of Dr. Barnardo's Homes. National Health List. Whitley Council scale with authorised supplements. Apply: Chief Medical Officer, Dr. Barnardo's Homes, Stepney Causeway, London, E.1. Tel.: STE. 3400. C 8617

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Pharmacist

Applications are invited for the above post now vacant.

Salary scale: £725—£970 per annum. This hospital has modern departments offering good experience including small-scale manufacturing. Single female accommodation could be provided.

Applications giving age, experience and qualifications together with the names of two referees should be sent to the Administrative Officer at the hospital. C 8622

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Senior Pharmacist

Modern department approved for training students. Salary scale £810-1,060 per annum, plus higher qualification allowance and London Weighting.

Please apply Hospital Secretary, giving details of age, training, experience and two names for reference. C 625

CENTRAL MIDDLESEX HOSPITAL, PARK ROYAL, LONDON, N.W.10

Pharmacists

required for sessional work, Whitley Council scale. Apply to Medical Director as soon as possible. C 8638

DRYBURN HOSPITAL, DURHAM (316 general beds)

Deputy Chief Pharmacist (Category IV)
and Basic Grade Pharmacist

wanted for the Durham Group of Hospitals. Detailed applications, quoting two referees, to Group Secretary, Dryburn Hospital, immediately. C 5642

HARTLEPOOLS HOSPITALS MANAGEMENT COMMITTEE

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HIGHLANDS GENERAL HOSPITAL, WINCHMORE HILL, LONDON, N.21

Senior Pharmacist

required (Locum considered). Whitley Council salary and condition. Applications stating age, qualifications and experience, with copies of 2 testimonials to Hospital Secretary. C 8631

LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Pharmacist

required at the above hospital. Previous hospital experience not essential. Modern department affording good general experience. Every third Saturday morning off. Whitley Council salary scale and conditions of service. Applications in writing giving age, qualifications and previous experience, together with the names of two referees, should be sent to the Chief Pharmacist. C 8623

LEWISHAM HOSPITAL, HIGH STREET, S.E.13

Locum Pharmacist

required, £19 19s. Accommodation available for female. Apply Group Secretary. C 648

LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Locum Pharmacist

required immediately at the above hospital. Previous hospital experience not essential. Modern department. Every third Saturday morning off. Applications to the Chief Pharmacist (telephone STE. 4251). C 8624

LEWISHAM HOSPITAL, HIGH STREET, S.E.13

Senior Pharmacist

required. Accommodation available for female. Applications stating age, qualifications, experience, and names of two referees, to Group Secretary. C 646

ST. ALBANS CITY HOSPITAL, NORMANDY ROAD, ST. ALBANS, HERTS (403 beds)

Senior Pharmacist

Applications are invited for the above post at this general hospital within easy reach of Central London. Whitley Council salary and conditions of service. Applications stating age, qualifications and experience, together with the names of two referees, to the Chief Pharmacist.

Locum Pharmacist required immediately pending this appointment. C 8518

STAINCLIFFE GENERAL HOSPITAL, DEWSBURY, YORKSHIRE

Senior Pharmacist

Applications are invited for the above post now vacant.

Salary scale: £810—£1,060 per annum. This hospital has modern departments offering good experience including small-scale manufacturing. Single female accommodation could be provided.

Applications giving age, experience and qualifications, together with the names of two referees should be sent to the Administrative Officer at the hospital. C 8621

STEPNEY GROUP HOSPITAL MANAGEMENT COMMITTEE, MILE END HOSPITAL, BANCROFT ROAD, LONDON, E.1

Post-graduate Student Pharmacist

required at the above hospital. Post vacant mid-January 1964. Salary scale and conditions of service in accordance with Whitley Council. Applications, with names of two referees, to be sent to the Chief Pharmacist. C 8632

Appointments—Continued**ST. ANDREW'S HOSPITAL,
DEVONS ROAD, BOW, E.3**

Locum Pharmacist

required immediately at St. Andrew's Hospital, Devons Road, Bow, E.3. Apply to Hospital Secretary (Tel.: EASt 2030), C 8637

OVERSEAS**UNIVERSITY COLLEGE
HOSPITAL,
IBADAN, NIGERIA**

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The Company operates a pension and life assurance scheme and a car is provided. A good commencing salary will be paid commensurate with age and experience.

*Apply: Sales Manager,***MERCK SHARP & DOHME LIMITED, HODDESDON, HERTS.**

C 8625

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to gain useful experience in Production.

*Applications, with full details, to:***The Personnel Manager, Ref. HAC/EWP,
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BLACKPOOL. Timothy Whites require Pharmacist, either sex, for full-time duties in the dispensary. Permanency with good salary and conditions. Three weeks' annual holiday. No rota duties. Apply Mr. E. Shaw, M.P.S., 9 St. Ives Road, Birkenhead, Cheshire. Tel.: Claughton 1044. C 8618

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OWING TO FURTHER EXPANSION the pharmacy department of the Plymouth Co-operative Society, Ltd., will shortly have managerial vacancies. Applications, in the first instance, should be made to: The Pharmacy Manager, Plymouth Co-operative Society, Ltd., Pharmacy Warehouse, Vauxhall Street, Plymouth. C 5643

RAMSGATE. Manager required for medium size branch pharmacy close to sea front. Accommodation available over premises. Normal hours, rota one week in six, permanency with good salary. Apply, giving details of previous experience, to Skitt's Pharmacies, Ltd., 104 High Street, Ramsgate, Kent. C 5638

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The person we are seeking will probably be in the age range 25-35 years and already have experience of development work, particularly in the pharmaceutical field.

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Conditions of employment include a good salary, non-contributory Pension and Life Assurance Schemes and assistance with removal expenses.

Applications should be addressed to Personnel Officer—Production,
PFIZER LIMITED,
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C 8630

SITUATIONS VACANT WHOLESALE



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Write, giving brief details of your personal history, to: Sales Manager,

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C 8626

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for a company in Southern England processing milk and rapidly expanding its manufacturing of soft cheeses, cream, ice cream and yoghourt.

He will manage the laboratories, control production quality and undertake development work. Initial salary not less than £1,200 p.a. A house is available at a nominal rent.

Candidates must have experience of milk product development and preferably an appropriate qualification. Please write quoting AK.5918; your application will be acknowledged by return post; nothing will be disclosed to our client without permission.

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C 8599

Situations Vacant—Continued

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A vacancy will shortly be occurring for the post of Chief Chemist, in a South London factory employing about 200 persons. The successful applicant will be expected to have good organising ability, be interested and keen in the firm's progress and capable of directing all normal pharmaceutical and analytical processes. Emphasis is placed on good staff relationship. Pleasant working conditions. A good salary commensurate with ability and experience will be paid. C 5640

HULL. Manager required for busy family business. Good opportunity for a young pharmacist to gain experience and advancement in a progressive company. Full details at convenient interview on application to Mr. K. Cooper, M.P.S., 14 The Horseshoe, Dringhouses, York. Telephone: York 66249. C 8610

PHARMACIST with some administrative experience to look after manufacturing and packing in small pharmaceutical company in Central London. Initiative desirable as well as ability to be at work at 8 a.m. Details of experience and background in first instance to Box C 5641.

PROVINCIAL REPRESENTATIVES required. London and Southern Counties, for well known and nationally advertised cosmetic lines. Substantial commission basis and expenses, suitable applicants with connection, Box C 5538.

SITUATIONS WANTED

PHARMACIST retiring shortly, will be available to retail or wholesale, where his qualification can be utilised. Advertiser has had a great deal of experience in all branches. Box C 5624.

POST-GRADUATE apprenticeship required for six months or one year from January 1st. Previous retail experience. Anything, anywhere considered. Box C 5636.

AGENTS

AGENTS covering Midlands, North, East Anglia, South Wales, Devon and Cornwall, can obtain exclusive agency for new product having tremendous potential and no serious competition. Only first-class men with established connection should apply giving details of lines at present carried and area covered in strictest confidence to Box C 5629.

AGENTS REQUIRED throughout the U.K. on commission for nationally famous baby products, calling on wholesale and retail chemists. Please state area covered and details of products at present carried, Box C 8620.

AGENTS REQUIRED for N.W. and N.E. Counties calling on chemists and stores, for well-known and nationally advertised cosmetic preparations. Liberal commission and expenses. Write with full details to Box C 5623.

AGENTS with established retail pharmacy connections required to promote sales of well-known pharmaceutical lines in areas not covered at present. Midlands, East Anglia, South (excluding London and district). Apply stating full details to Clay & Abraham (Mnfg.), Ltd., 40 Hanover Street, Liverpool, 1. C 5639

AGENTS WANTED. Already calling on retail chemists, for good selling lines in areas: North-east England, Yorkshire, Midlands, Wales and London. Box C 5637.

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OVERSEAS AGENTS required to handle three proprietary chemists' lines, also a large range of pharmaceutical, hospital and laboratory equipment, Box C 5553.

AGENCIES

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WE PURCHASE surplus and redundant stocks of every description especially packing material. Spot cash settlement. Reliance Trading Company, 75 Fairfax Road, London, N.W.6, KIL. 0581. C 599

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone: Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Park 3137-8. C 140

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ADVERTISER wishing to market face creams and lotions requires manufacturer with sales facilities to undertake complete manufacturing and marketing of products, Box C 5622.

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THE TRADE MARKS set out below were assigned on 29th May, 1963, by Lambert Chemical Company Limited of Chestnut Avenue, Eastleigh, Hampshire, to Warner-Lambert Pharmaceutical Company, of 201 Labor Road, Morris Plains, New Jersey, United States of America. **WITH-OUT THE GOODWILL OF THE BUSINESS IN WHICH THEY WERE THEN IN USE,**

Regd. No.	Trade Mark	Goods
365275	SLOAN'S LINIMENT (LABEL)	Liniment for veterinary use.
365276	SLOAN'S LINIMENT (LABEL)	Liniment for human use.
424130	VINCIT	Chemical substances prepared for use in medicine and pharmacy.
504922	SLOAN'S LINIMENT (CARTON)	Liniment for human use.
624315	SLOAN'S LINIMENT	Liniment for human use.
643194	VINCE	Medicated mouth wash.
724238	RHUMATISONE	Analgesic pharmaceutical preparations for use in the treatment of rheumatism and the like ailments.
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Tel.: LEYtonstone 9111. C 639

CUMULATIVE LIST OF AMENDMENTS TO THE C.&D.

Quarterly Price List

SEPTEMBER

Actifed (208 BW) compound linctus 80 oz 63 4ea — — ts7					
Admune (436 Evans) disposable syringe .. 1 7 6ea — 10 0					
	10 60 0ea — —				
Adrenaline (971 PSMB) solution .. 25 mls 20 0 — 2 6 ts7					
Alberto Culver (1437 ACC) VO5 shampoo					
<i>insert</i> bottle .. 3 oz 24 7 6 2 3 11					
	51 6 12 10½ 7 8				
Aldis (884 NB) "505" projector 399 0					
Aldomet (837 MSD) injection .. 5 mls 15 0ea — 22 6					
Alfocetyn (34 A & H) capsules 250 mgm .. 12 132 0 — 16 6 TS					
	100 86 8ea — 130 0 TS				
	1000 835 8ea — 1253 6 TS				
ear drops 5% 15 mls 68 0 — 8 6 TS					
10% 5 mls 52 0 — 6 8 TS					
for eye drop dripper bottle 34 0 — 4 3 TS					
powder, non sterile 5 gm 198 0 — 24 9 TS					
	25 gm 80 10ea — 121 3 TS				
	100 gm 301 10ea — 452 9 TS				
suspension .. 60 mls 98 0 — 12 3 TS					
Alfonal (29 Alfonal) diabetic fruits					
Sorbitol sweetened .. 8 oz 16 6 — 1 10					
unsweetened .. 8 oz 13 6 — 1 6					
Allegron (378 Dista) liquid 10 mgm/5 mls					
115 mls 54 0 13 6 7 10½ ts4B					
500 mls 178 0 44 6 25 11½ ts4B					
tablets 10 mgm .. 25 34 0 8 6 4 11½ ts4B					
	100 128 0 32 0 18 8 ts4B				
	500 47 0ea 11 9ea 82 3 ts4B				
25 mgm .. 25 70 0 17 6 10 2½ ts4B					
	100 256 0 64 0 37 4 ts4B				
	500 94 0ea 23 6ea 164 6 ts4B				
Allenbury's (34 A & H) pastilles sugarless					
Alphosyl (1178 Stafford) cream .. 60 gm 120 0 30 0 17 8					
Alupent (154 B) (distributors 969 Pfizer) tablets 20 mgm .. 50 9 10ea — 14 9					
	250 44 8ea — 67 0				
<i>delete</i> Amadis (Pierre Cardin (366 Dendron))					
<i>insert</i> Amadis (Pierre Cardin (1475 Concorde))					
<i>insert</i> Amfix (818 M & B) J Pak .. 1 gail 40 0ea — 60 0					
<i>delete</i> S. type hardener 450 mls 56 0 — 7 0					
	80 oz				
Amplex (67 Ashe) deodorant roll-on .. 18 0 4 5 2 6					
spray-on .. 18 0 4 5 2 6					
Analgesic balm (179 BDH) jar 15 0 3 9 2 2					
Andre Philippe (48 AP) bubble bath set .. 22 54 0 13 6 7 11					
Angel Face (256 CPL) face powder .. 23 5 5 11 3 6					
Ansolyzen (971 PSMB) injection 0.5% 10 mls 48 0 — 6 0					
Anthical (971 PSMB) lotion .. 4 oz 32 0 8 0 4 8					
Anthisan (971 PSMB) ampoules 2.5% 2 mls 10 68 0 — 8 6 ts7					
<i>delete</i> Anti-Kamnia (1178 Stafford) entire entry					
<i>insert</i> Anti-Kamnia (1178 Stafford) new formula tablets .. 11 9 2 11½ 1 7					
(paracetamol) 28 7 7 1½ 3 9½					
original formula tablets 11 9 2 11½ 1 7 ts4B					
	28 7 7 1½ 3 9½ ts4B				
with codeine .. 11 9 2 11½ 1 7 ts4B					
Antolia (1476 AC) leaves .. 120 6 3½ea 8½ea 10 6					
Antussin (1239 Tobal) double strength .. 40 6 — 4 6 †					
	67 6 — 7 6 †				
chewable capsules .. 36 0 — 4 0 †					
children's .. 36 0 — 4 0 †					
Apiella (450 Farthing) face powder .. 45 0 10 11 6 9					

Aqua Mephyton (837 MSD) <i>insert</i> ampoules 0.5 mil .. 25 47 6ea — 71 3					
Aquatheron (835 M & J) bath liquid .. 102 4 25 7 13 6					
<i>delete</i> Aristocrat (78 AS & Co) cream					
Ascabiol (971 PSMB) emulsion .. 4 oz 26 0 — 3 3					
Asilone (117 BPL) paediatric 50 gm 120 0 30 0 17 8					
Atomol (34 A & H) nasal spray .. 28 0 3 6					
Atrixo (1164 SSL) hand care .. 404 12 0 3 0 1 9					
	411 13 9 3 5 2 0				
	408 20 7 5 2 3 0				
	409 96 0 24 0 14 0				
Atromid S (649 ICI) capsules .. 50 12 4ea 3 1ea 21 7					
	250 56 6ea 14 1½ea 98 10½				
	1,000 217 8ea 54 5ea 380 11				
Aventyl (413 Lilly) liquid 10 mgm/5 mls					
120 mls 56 0 14 0 8 2					
480 mls 14 0ea 3 6ea 24 6					
Pulvules 10 mgm .. 100 10 8ea 2 8ea 18 8					
	500 47 0ea 11 9ea 82 3				
25 mgm .. 100 21 4ea 5 4ea 37 4					
	500 94 0ea 23 6ea 164 8				

THIS WEEK'S CHANGES
AT END OF LIST

Avomine (971 PSMB) tablets 25 mgm .. 10 20 0 — 2 6 ts7					
<i>delete</i> Ayrtolax (78 AS & Co) tablets					
Ayrton (78 AS & Co) antiseptic cream large 13 0 3 3 2 0					
tablets					
chlorophyll .. 48 12 0 3 0 2 0					
vapour rub .. tin 9 0 2 3 1 6					
<i>delete</i> Band-Aid (672 Johnson) butterfly closure 100 s					
Barluze (89 Barluze)					
	24 0*	3 2	3 0*		
	*Includes 3d. for container.				
Bartex (477 AF & B) perfume spray, handbag					
size .. No. 6 8 0ea 2 0ea 13 11					
	No. 7 9 1ea 2 3½ea 15 11				
Beauty on a Budget (1063 Rimmel) eye make-up remover pads 10 3 2 6 1 6					
shampoos					
lanolin cream (3) .. 10 3 2 6 1 8					
medicated liquid (3) 10 3 2 6 1 6					
<i>delete</i> Bellair (681 Kaputine)					
<i>insert</i> Bellair (1243 Topsy)					
Bena-Fedrin (938 PD) spray .. 15 mls 28 0 — 3 6 †					
	1 oz & 16 oz				
<i>delete</i> Bencard (113 Bencard)					
<i>insert</i> inhalation testing solutions					
allegens .. 25 mls 78 9ea 105 0					
patch test .. 31 6 3 6					
prick test instrument 90 0 10 0					
<i>delete</i> skin test outfit 16 × 2 mls 64 6ea 86 0					
<i>insert</i> skin test outfit 21 × 2 mls 236 3ea 315 0					
standard cabinet 72 × 2 mls 468 9ea 625 0					
hospital cabinet 84 × 2 mls 468 9ea 625 0					
44 × 5 mls					
Benger's (114 Benger) food .. 8 oz 36 0 — 3 9					
	1 lb 62 6 — 6 6				
	2 lb 106 0 — 11 0				
	5 lb 192 0 — 20 0				

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LANOXIN^{brand} DIGOXINTABLETS • SOLUTION • INJECTION • PÆDIATRIC TABLETS & ELIXIR
BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

Beogex (972 Pharmax) suppositories adults .. 6 22 0 2 6 .. 60 14 0ea 14 0 childs .. 6 17 0 1 11 .. 60 10 0ea 14 0	Blue Velvet (1164 SSL) hand lotion .. 264 12 0 3 0 1 9 .. 265 18 10 4 9 2 9	Bond Street (1355 (Yardley) Spray Mist de luxe .. 115 0 28 9 16 9	Boy Blue (1114 SLL) shampoo .. sachet (15 0 3 9 9 (3½ doz) (3½ doz)	Breathe (885 N&P) medicated inhaillant cream .. 22 6 5 7½ 3 0	Bristol (307 C&G) entire entry	Brevetil E (971 PSMB) powder, ampoules 150 mgm .. 10 168 0 — 21 0 multi-dose container 750 mgm 74 0 — 9 3 "M" ampoules 67 mgm 10 148 0 — 18 6 multi-dose container 335 mgm 56 0 — 7 0 ampoules 2 mls .. 10 98 0 — 12 3 multi-dose container 10 mls 40 0 — 5 0	Brocillin (1393 BRL) tablets 125 mgm 24 125 mgm 20 160 0 — 20 0 TS 250 mgm 24 250 mgm 20 293 0 — 36 8 TS	Bronchagen (113 Bencard) vials .. 3 x 10 mls 78 9ea — 105 0	Bronchilator (97 Bayer) measured-dose nebuliser with vial .. 10 mls 14 0ea 3 0ea 24 6 ts7	Brontina (221 Camden) ampoules 2 mls .. 12 18 1½ea 3 3ea 20 9 ts7 tablets 1 mgm .. 100 17 3ea 4 4ea 27 4 ts7	Brown (859 Moore) pressurised with adaptor refill .. pressurised complete .. 122 0 — 14 6 † refill .. 96 0 — 11 6 † adaptor .. 28 0 — 3 0	Broxil (1393 BRL) tablets 125 mgm 24 125 mgm 20 160 0 — 20 0 TS 250 mgm 24 250 mgm 20 293 0 — 36 8 TS	Broxodont (1178 Squibb) automatic toothbrush	Brylcreem (303 County) dispenser .. 67 1 16 9½ 9 0	Caapi (878 Napp) all sizes .. †	Calsoftone (1166 Southon) tablets .. 30 24 0 6 0 3 9	Calypsol (1154 S&N) capsules .. 12 24 0 6 0 3 6 dp. 100 15 0ea — —	Canadian (288 Commercial) healing oil .. 2 oz 24 0 6 0 3 6	Canasta (Jacques Fath) (distributors 331 C of C) all entries	Capsolin (938 PD) tube 24 0 6 0 3 6	Cascade (818 M&B) photographic wetting agent 500 mls 120 0 — 15 0	Celbenin (1393 BRL) vials 1 gm .. 25 325 0ea — 487 6 TS 100 1300 0ea — 1950 0 TS	Chlormyrol (938 PD) ointment .. 5 gm 4 8ea — 7 0 TS 15 gm 11 6ea — 17 3 TS	Chloromycetin (938 PD) Kapsels 0.25 gm .. 12 11 0ea — 16 6 TS 100 100 86 8ea — 130 0 TS 500 419 0ea — 622 3 TS 1000 838 0ea — 1253 6 TS 50 mgm (vet) .. 25 5 0ea — 8 3 TS 100 18 4ea — 27 6 TS cream .. 2 8ea — 4 0 TS jar 16 2ea — 24 3 TS ear drops .. 5 mls 4 4ea — 6 6 TS 100 mls 50 10ea — 76 3 TS	endotonic compound cartridge 6 0ea — 9 0 TS	hydrocortisone ophthal- mic drops .. 5 mls 5 8ea — 8 6 TS ointment .. tube 3 4ea — 5 0 TS intramuscular .. 2 gm 9 0ea — 13 6 TS intravenous 0.5 gm .. 6 12 2ea — 18 3 TS ophthalmic 25 mgm .. vial 2 10ea — 4 3 TS ointment Apilcap 1% 50 5 0ea — 7 6 TS 250 24 2ea — 36 3 TS palmite suspension 60 mls 8 2ea — 12 3 TS pure .. 5 gm 16 0ea — 24 9 TS 25 gm 80 10ea — 121 3 TS 100 gm 301 10ea — 452 9 TS succinate .. 250 mgm 5 4ea — 8 0 TS 1 gm 8 8ea — 13 0 TS suppositories .. 6 8 0ea — 12 0 TS topical 5% .. 15 mls 5 8ea — 8 6 TS aerosol (vet) .. tin 24 4ea — 36 6 TS colourless (vet) .. tin 18 8ea — 28 0 TS	Chlorostreptin (938 PD) Kapsels .. 12 9 6ea — 14 3 TS 100 75 0ea — 112 6 TS suspension .. 60 mls 12 2ea — 18 3 TS	Delete Cholophytone (115 Benguc) Chymarcort (61 APC) ointment .. ½ oz 11 6ea — 16 9 TS Colomycin (972 Pharmax) syrup, powder for 80 mls 14 6ea — 19 4 TS Insert Cornol (898 Northern) .. 13 8 3 5 2 0 Insert Corry's (1472 Corry) aerosols ant killer .. 32 0 — 4 0 fly spray .. 32 0 — 4 0 garden and green- house .. 32 0 — 4 0 greenhouse malathion ant and woodlice liquid 4 oz 56 0 — 7 0 1 pt 24 0 — 3 0 1 pt 40 0 — 5 0 1 pt 64 0 — 8 0 powder .. 10 0 — 1 3 20 0 — 2 6 wasp nest destroyer 2 nests 12 0 — 1 6 6 nests 24 0 — 3 0 20 nests 60 0 — 7 6 40 nests 100 0 — 12 6 weed killer "24D" .. 4 oz 24 0 — 3 0 Coty (301 Coty) bath cubes .. 073 29 6 7 2 4 6 Creo (234 Cartwright) bronchial syrup .. 4 oz 14 3 3 7 2 3 † 8 oz 21 9 5 5½ 3 3 † Crinx (1155 S&N) conforming bandage 4 yds 2 in .. 9 0 — 1 2 3 in .. 11 7 — 1 6 4 in .. 13 5 — 1 9 6 in .. 18 9 — 2 3 Crookes (324 Crookes) ACTH intramuscular vial or subcutaneous 10 units 27 0 — 3 0 TSs4B 25 units 42 0 — 4 8 TSs4B 50 units 81 0 — 9 0 TSs4B intravenous vial 30 units 30 0 — 3 4 TSs4B 75 units 72 0 — 8 0 TSs4B carbon tetrachloride injection vet. vial .. 200 mls 72 0 18 0 10 6 Cyclonal (971 PSMB) sodium ampoules 0.5 gm .. 25 33 4ea — 50 0 ts1s4A 1 gm .. 25 46 8ea — 70 0 ts1s4A Davenol (1352 Wyeth) linctus .. 4 fl oz 41 9 10 6 5 7 ts7 40 fl oz 360 0 90 0 50 0 ts7 Deakin's (360 D&H) cough and cold healer inflammation remedy 15 9 3 11½ 2 6 3 11½ 2 6 Depo-Provera (1263 Upjohn) ampoules 50 mgm/ml 1 ml 12 5ea — — ts4B 5 mls 55 0ea — — ts4B Delete Dermalac (938 PD) De Witt's (372 De Witt) kidney & bladder pills 17 4 4 3 2 4 35 6 8 8 4 9 56 3 13 9 7 6 Insert Dipherazine (147 Boots) liquid .. dp 2 litres 13 0ea — 19 6 Dimol (378 Dimol) (distributors 49 AF) tablets .. 48 28 6 7 1½ 4 0 100 43 0 10 9 6 0 16 oz 72 0 18 0 10 0 Dimol A (376 Dimol) (distributors 49 AF) tablets .. 100 43 0 10 9 6 0 Diphtheria-tetanus-pollomyelitis (518 Glaxo) vaccine ampoules 1 ml single 7 6ea — 10 0 Dor (563 Hampshire) deodorant aerosol .. 31 4 7 9 4 3 Dorant (718 LAB) hair tonic .. 52 6 13 2 7 8 Delete Dormalin (147 Boots) tablets gr 3 .. 500 Dorothy Gray (385 DG) Colour Drama .. 58 0 14 6 8 6 soap .. 4 oz 32 0 8 0 4 8 Drenilson with neomycin (vet) (1477 Elanco) 5 gm 51 0 — 6 4½ TS 15 gm 129 0 — 16 1½ TS Drianaps (1487 Besso) napkin liners .. (2) 40 0 — 4 11 Drummer (406 WE) washing up liquid .. 22 6 — 2 6 Dubois (180 Bliss) cologne spray .. 65 3 16 4 9 6 lavender spray .. 65 3 16 4 9 6 perfume spray Chicana .. 171 3 42 10 24 11 Chiquette .. 109 0 27 3 15 11 Chiquita .. 171 3 42 10 24 11 talc spray .. 45 0 11 3 6 6 Durophet (1061 Riker) capsules 7.5 mgm .. 30 40 0 — 5 0 ts4B 300 260 0 — 32 6 ts4B 12.5 mgm .. 30 44 0 — 5 6 ts4B 300 304 0 — 38 10 ts4B 20 mgm .. 30 52 0 — 6 6 ts4B 300 376 0 — 47 0 ts4B Insert Dylon (816 Mayborn) dyes carpet .. 68 0 — 8 6 spot dry cleaner .. 22 6 —
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	tablets 125 mgm	100	18	6ea	—	27	9	TS
	250 mgm	100	36	6ea	—	54	9	TS
	Edixamat (980 Photopla)							
	camera Kadett	E1	504	6ea	122	11ea	679	6
	case	E217	47	4ea	11	7ea	62	7
Delete	Elastikon (672 Johnson)							
	elastic adhesive bandage 2½ in and 3 in..							
Delete	Eldon (561 HF)							
	vaporiser		48	0	—		5	9
Delete	Elorine chloride (413 Lilly) Pulvules							
Insert	Embacooid (818 M&B)							
	film cement	500 mils	108	0	—		13	6
	Emeraude (301 Coty)							
	perfume	110-40	115	3	23	1	17	6
		121-40	164	6	40	1	25	0
		141-40	296	3	72	3	45	0
		151-40	493	6	120	3	75	0
		171-40	845	6	206	0	126	6
Delete	existing packs							
	Emko (506 Gerhardt)							
	vaginal foam kit		13	10ea	—		16	6
	refill		10	1ea	—		13	6
	En-O-Ge (1166 Southon)							
	(distributors 1479 Wallis)							
	Entair (179 BDH)							
	capsules	30	11	2ea	2	9½ea	19	6½
	Entersorb (1352 Wyeth)							
	tablets (vet)	50	168	9	—		16	9 TS
	Equagesic (1352 Wyeth)							
	tablets	10	27	3	—		3	1 ts4B
		100	240	0	—		26	6 ts4B
	Equizole V (837 MSD)							
	powder (vet.)	30 gm	85	6	—		9	6 VPO
	Esobactulin (1166 Southon)							
	(distributor 1479 Wallis)							
	Esoban (1166 Southon)							
	(distributors 1479 Wallis)							
	barrier cream tube .4 oz		25	4	6	4	3	11
	Eso-Col (1166 Southon)							
	(distributors 1479 Wallis)							
	Eso-Dex (1166 Southon)							
	(distributors 1479 Wallis)							
	Estee Lauder (425 ELC)							
	daylight make-up							
	eye liner		8	4ea	2	1ea	14	6
	eye liner brush		7	8ea	1	11ea	13	6
	foundation film		14	0ea	3	6ea	24	6
	lipstick		10	0ea	2	6ea	17	6
	refill		7	4ea	1	10ea	12	6
	mascara compact		17	0ea	4	3ea	29	6
	refill		8	8ea	2	2ea	15	6
	powder film		14	0ea	3	6ea	24	6
	pressed compact		10	0ea	2	6ea	17	6
	refill		5	4ea	1	4ea	9	6
	shadow-light creme		10	0ea	2	6ea	17	6
	stick		10	0ea	2	6ea	17	6
	youth blend over-glow		14	0ea	3	6ea	24	6
Insert	Eucarbon (1484 PCPL)							
	tablets	40	26	1	6	6	3	10
		100	50	0	12	6	7	3
	Eugene (431 Eugene)							
	colour tones		22	3	5	7	3	3
	Eutonyl (2 Abbott)							
	Film tabs 25 mgm	100	52	10ea	13	2½ea	92	5½ ts4B
	10 mgm	100	26	0ea	6	6ea	45	6 ts4B
	Euvitol (34 A&H)							
	all packs							ts4B
Insert	Ever Ready (438 ER)							
	razor blades							
	Corrux premium edge							
	(5) ..		19	2	4	10	2	9
			(60 blades)		(60 blades)			
	stropping machine with							
	stop ..		87	6	21	11	12	6
	stop ..		34	4	8	7	5	0
Insert	Eylure (443 Eylure)							
	Erida							
	eyelashes hair, close		140	0	—		17	6
	and natural		140	0	—		17	6
	real fur		148	0	—		18	6
	finger nails nylon		20	0	—		2	6
	fix nailfix		28	0	—		3	6
	remover		24	0	6	0	3	6
	lipliner pencils		72	0	18	0	10	6
	Liqua Glo							
	sable brush sizes 1-12		53	0ea	—		79	9
	(set)							
Delete	F99 (657 IL)							
Insert	F99 (1485 Diva)							
	Fabulo (554 Haetam)							
	bouffant curlers		10	8	2	8	3	4
			(6 doz)		(6 doz)		(doz)	
							12	6
Delete	Faint Blush (60 Arden)							
	Fath de Fath (Jacques Fath)							
	(distributors 331 C of C) all entries							
Delete	Femilan (37 Allied)							
	Fentazin (34 A&H)							
	duolets	50	8	0ea	—		12	0 ts4B
		250	33	6ea	—		50	3 ts4B
		5 oz	4	6ea	—		6	9 ts4B
	syrup	2 litres	50	4ea	—		75	6 ts4B
	Ferromyn (218 Calmic)							
	elixir	4 oz	44	0	—		5	6
		20 oz	15	6ea	—			
		40 oz	30	0ea	—			
		80 oz	58	4ea	—			
	elixir "B"	4 oz	48	0	—		6	0
		20 oz	17	10ea	—			
		40 oz	35	0ea	—			
		80 oz	68	0ea	—			

	Fields (462 Field)							
	shave stick	..	5	8	1	5	9	
	Flawless (256 CPL)							
	cream	..	32	9	8	2½	4	6
	Florineige (1254 UCS)							
	perfume							
	Fetliche animals	631,400	38	0	9	6	5	6
	floral carded	631,800	33	0	8	3	4	11
	flower	631,500	72	0	18	0	10	6
	Focus (1242 Toni)							
	extra	..	27	7½	6	11	3	11
	hair spray	..	62	11	16	9	6	11
	Forster's (561 HF)							
	vaporising outfit	..	70	0	—	—	—	
Delete	Frador (107 BH&L)	..	17	5	3	11	2	6
	..	..	21	3	5	4	3	7
	Framomycin (324 Crookes)							
	feed additive	.. 11lb	31	0ea	—	—	46	6 TSVSO
		3lb	84	0ea	—	—	126	0 TSVSO
	Freezeheat (191 BVF) vacuum ware							
	jugs							
	Standard 16 oz stop-							
	per-vac J69	..	6	7ea	—	8ea	9	6
Delete	stopper seal-a-vac							
	23-36 oz	VA136						
	Fullers (1246 TP&T)							
	celery pills	.. 480	120	0	30	—	16	0
	Furadantin (1153 SKF)							
	suspension	.. 4 fl oz	111	0	—	—	13	10½
		80 fl oz	167	7ea	—	—	—	—
	tablets 50 mgm	.. 100	57	10ea	—	—	66	9
		1000	531	0ea	—	—	—	—
	100 mgm	.. 100	109	10ea	—	—	164	9
		1000	1008	3ea	—	—	—	—
	Gale's (449 JF)							
	honey set	.. ½ lb	19	2	—	—	1	11
		1 lb	31	8	—	—	3	2
	clear	.. ½ lb	19	2	—	—	1	11
		1 lb	31	8	—	—	3	2
	four leaf clover	.. 1 lb	35	0	—	—	3	6
	Gedeon Richter (499 Richter)							
	hormone cream	.. 1 oz	36	0	9	0	5	3
			64	0	16	0	9	4
Delete	GH (234 Cartwright) entire entry							
	Gillette (514 Gillette)							
	razors							
	adjustable Mark II	..	87	4	21	10	12	6
	Aristocrat	..	21	10ea	5	5½ea	37	6
	Goddard (522 Goddard)							
	Long-Term silver polish							
	3½ oz		45	0	—	—	5	0
	7½ oz		85	6	—	—	9	6
Delete	1 qt.		31	10ea	—	—	42	6
	Green Water (Jacques Fath)							
	(distributors 331 C of C) all entries							
	Griptight (1349 LW)							
	soother deluxe	..	4	4	—	—	7	
	all rubber	..	9	0	—	—	1	3
	Halex (560 Halex)							
	Baron battery shaver		45	0ea	11	3ea	77	6
	Harmony (509 Gibbs)	tube	22	6	5	6	3	3
	Haygen (113 Bencard)							
	vials	.. 4 x 10 mils	78	9ea	—	—	105	0
	Hazol (34 A&H)							
	nasal drops	.. 15 mils	40	0	—	—	5	0
	Hazol-P (34 A&H)							
	nasal spray	..	46	0	11	6	6	6½ TS
	Hexa-mandelate (1166 Sonthon)							
	(distributors 1479 Wallis)							
	Hexocil (1310 WW)							
	(distributors 776 Loveridge)							
Insert	Hibitane (649 ICI)							
Delete	lozenges	.. 12						
	lozenges	.. 20	16	8	4	2	2	6 †
	Hiolite (160 Bliss)							
	hair lacquer aerosol	..	65	0	16	3	9	6
Delete	Hipsy (930 P&B)							
Insert	Hipsy (451 F&J)							
	Histofax (208 BW)	17.5 gm	20	0	5	0	2	11
	Horlicks (621 Horlicks)							
		½ lb	21	7	—	—	2	3
		1 lb	36	0	—	—	3	9
		1 lb	62	5	—	—	6	6
		3 lb	168	0	—	—	17	6
	chocolate flavoured	.. 6 oz	28	10	—	—	3	0
		12 oz	52	10	—	—	5	6
	Hudnut (631 Hudnut)							
	Bloom rouge	.. 513	34	4	8	7	5	0
	Hygroton-Reserpine (501 Geigy)							
	tablets	.. 20	10	0ea	—	—	15	0 †s4B
		100	38	9ea	—	—	56	1½ †s4B
	Iglodine (561 HF)							
	antiseptic	.. ½ gall	102	0	25	6	14	9
		1 gall	192	0	48	0	26	0
	Ilford (645 Ilford)							
	cameras							
	Sporti 6	..	51	9ea	12	11ea	92	6
	case	..	12	10ea	3	0ea	22	9
	Sportsman 125	..	144	0ea	36	0ea	257	6
	case	..	24	5ea	6	1ea	43	7
	Ilotycin (413 Lilly)							
	intravenous 250 mgm		6	0ea	—	—	9	0 TS
	Innoxa (654 Innoxa)							
	Living Peach							
	body lotion	..	108	0	27	0	16	9
	cleansing lotion	..	94	0	23	6	14	6
	moisturising lotion	..	120	0	30	0	18	6
	tonic, extra	..	94	0	23	6	14	6
	regular	..	94	0	23	6	14	6

	Triplex	..	..	..	..	..	336	0
	V-Matic	..	..	..	..	..	325	0
	spares							
	bayonet adaptor	..	..	..	..	..	5	4
	massage head	..	..	..	..	..	48	11
	nail file attachment	..	..	..	..	..	52	10
	super head with cutter	..	..	..	..	..	42	10
	Kodak (711 Kodak)							
	Brownie Vecta camera		16	3ea	4	1ea	29	1
			3	7ea		11ea	6	4
<i>Delete</i>	Brownie 44B camera and case							
<i>Delete</i>	Brownie movie 8 projector A15							
	Brownie movie 8 projector							
	A15 G	..	286	0ea	—		440	0
	plates							
	2½ × 3½	..	12	4	11ea	1	3ea	8
	3½ × 4½	..	12	7	3½ea	1	10ea	12
	3½ × 5½	..	12	10	2½ea	2	7ea	17
	4 × 5	..	12	10	6ea	2	8ea	17
	4½ × 6½	..	12	14	0ea	3	6ea	23
	6½ × 8½	..	12	25	1ea	6	3ea	42
	8 × 10	..	12	35	7ea	8	11ea	59
	10 × 12	..	6	26	10ea	6	9ea	45
	11 × 14	..	6	34	5ea	8	7ea	57
	12 × 15	..	6	40	3ea	10	1ea	67
	13 × 16	..	6	46	8ea	11	8ea	78
	14 × 17	..	6	53	1ea	13	3ea	89
	14 × 18	..	6	56	7ea	14	2ea	95
	16 × 18	..	6	71	2ea	17	10ea	119
	16 × 20	..	6	78	9ea	19	8ea	132
	18 × 22	..	6	97	5ea	24	4ea	163
	18 × 24	..	6	106	2ea	26	7ea	178
	20 × 24	..	6	117	10ea	29	6ea	197
	20 × 30	..	4	98	7ea	24	8ea	165
	24 × 30	..	4	149	4ea	37	4ea	250
	30 × 40	..	2	162	9ea	40	8ea	273
	Lady Caroline (1254 UCS)							
	perfume							
	with atomiser	633,500	102	0	25	6	14	11
	Remous 1½oz	633,200	126	0	31	6	18	6
	Lady Manhattan (462 Field)							
	perfume	presentation	89	0	22	3	13	0
	soap	..	16	6	4	1½	2	3
	L'Aiment (301 Coty)							
	bath cubes	..	2073	29	6	7	2	4
	soap bath	..	081	29	9	7	3	4
	perfume	110-20	115	3	23	1	17	6
		121-20	164	6	40	1	25	0
		141-20	296	3	72	3	45	0
		151-20	493	6	120	3	75	0
		171-20	845	6	206	0	128	6
<i>Delete</i>	existing packs							
	Lakaway (1351 WLW)							
	shampoo	..	sachet	19	2	4	9½	11
				(3 doz)		(3 doz)		
	Layla (1168 S&J)							
	Nutrosolvent	..	21	0	5	3	3	6
			27	0	6	9	4	6
	Ledermycin (746 Lederle)							
	tablets 150 mgm	..	16	18	6ea	—	27	9
		100	110	10ea	—	166	3	TS
		500	534	10ea	—	802	3	TS
		1000	1069	8ea	—	1604	6	TS
	Leichner (749 Leichner)							
	Beauty Touch compact		37	9	9	5	5	6
	Light and Lovely (301 Coty)							
	tube	..	51	0	12	5	7	9
<i>Delete</i>	Lipiodol (115 Bengue)							
	flasks 20%	..	20 mlis					
	Liquifruta (1102 Sanlitas)							
	with honey	..	20	10	5	2½	2	9
	Lloyd's (769 Lloyd Hamol)							
	high protein food	..	½ lb	55	3	—	5	9
	Lofenalac (1450 BDH)	2½ lb	75	10ea	—		108	4
	L'Or (301 Coty)							
	perfume	139/55	967	6	235	10	147	0
	parfum de toilette	228/55	414	6	101	0	63	0
		262/55	691	0	163	5	105	0
	L'Origan (301 Coty)							
	soap bath	..	081	29	9	7	3	4
	perfume	..	110-70	115	3	23	1	17
		121-70	164	6	40	1	25	0
		141-70	296	3	72	3	45	0
		151-70	493	6	120	3	75	0
		171-70	845	6	206	0	128	6
<i>Delete</i>	existing packs							
	Lumescoba (1483 JBB)							
	body belt	..	24	0ea	2	5ea	40	0
	Madecassol (117 BPL)							
	ampoules 1 mil	..	10	37	4ea	9	4ea	65
<i>Delete</i>	injections	..	3					4
<i>Insert</i>	Mandelamine (1310 WW)							
	(distributors 776 Loveridge)							
	Mannitol (837 MSD)							
	25% solution							
<i>Insert</i>	ampoules 50 ml	..	10	6ea	—		15	9
	Mastra (980 Photopia)							
	universal viewfinder	..	R54	83	0ea	20	2ea	144
	case	..	R55	6	8ea	1	8ea	11
	Maws (810 Maw)							
	teats small hole	300-00	6	3	—			9
	medium hole	300-01	6	3	—			9
	large hole	300-02	6	3	—			9
	extra large hole	300-04	6	3	—			9
	three holes	300-05	6	3	—			9
	Max Factor (813 MF)							
	Coiffure Italienne	..	41	4	9	10	6	0
	Melbrosia (588 H&H)							
	4-week treatment	..	43	0ea	10	9ea	76	0
	Melbroton (588 H&H)	..	5	8ea	1	5½ea	9	11
	Meldaire (833 Mel P)							
	deplatory roll-on	..	36	0	9	0	5	6

Delete	Mentholatum (836 Mentholatum) balm					
	tin	5 3	1 4	9		
	tin	7 3	1 9½	1 0		
	jar	18 6	4 7½	2 6		
	tube	18 6	4 7½	2 6		
	Merocets (838 MN)					
	lozenges	16	18 0	—	2 3	
	Meteor (301 Coty)					
	perfume	110-59	115 3	28 1	17 6	
		5901	296 3	72 3	45 0	
		5902	493 6	120 3	75 0	
Delete	existing packs					
	Methral-N (583 HP)					
	topical ointment	10 gm	7 9ea	—	11 7½ TS	
	Midical (938 PD)					
	suspension	16 oz	56 8ea	—	85 0†4B	
	Milk of Magnesia (976 PS&T)					
	tablets	12	7 4	1 10	1 0	
	Miss Muffet (1114 SLL)					
	shampoo	sachet	15 0	3 9	9	
			(3½ doz)	(3½ doz)		
	Monil (858 Monil)					
	reducer		24 0	6 0	3 6	
	shampoo		24 0	6 0	3 6	
	Morgan's (861 MPC)					
	hair darkening cream ..		39 0	9 9	6 10	
	Morphy-Richards (863 MR)					
	electric shaver	ECA			52 6	
	Mucaine (1352 Wyeth)					
	suspension	12 oz	72 0	—	8 0 †4B	
	Muguet de Bois (301 Coty)					
	soap bath	081	29 9	7 3	4 0	
	perfume	110-60	115 3	28 1	17 6	
		121-60	164 6	40 1	25 0	
		141-60	296 3	72 3	45 0	
		151-60	493 6	120 3	75 0	
Delete	existing packs					
	Myanodin (179 BDH)					
	elixir 1gm/15 mls ..	8 oz	60 0	—	7 6 †4B	
		1 litre	18 5ea	—	27 7½ †4B	
		2 litres	35 6ea	—	53 3 †4B	
Delete	Mycifradin Veriderm (1263 Upjohn)					
	Myolgin (37 Allied)					
	tablets	20	24 0	6 0	3 6†	
		dp 250	16 0ea	—	†	
Delete	Neodex (657 IL)					
	Neodex (1485 Diva)					
Delete	Neoferrum (324 Crookes)					
	Neomin (518 Glaxo)					
	liquid	2 oz	7 0ea	—	9 4 TS	
	Neuva Maja (317 CS)					
	cologne	1 oz	7 3ea	1 9½ca	13 6	
		1½ oz	11 0ea	2 9ea	20 0	
		3½ oz	18 6ea	4 7½ca	33 6	
	perfume	1/7 oz	10 3ea	2 6½ea	19 0	
		½ oz	20 9ea	5 2½ea	37 6	
		½ oz	35 9ea	8 11½ea	65 0	
		1 oz	47 6ea	11 10½ea	87 6	
		1½ oz	65 0ea	16 3ea	119 6	
	Nowcadin (518 Glaxo)					
	vaccine (vet)	50 mls	12 6ea	—	15 8	
		500 mls	112 6ea	—	150 0	
	New De Witt's (372 De Witt)					
	pills		17 4	4 3	2 4	
			35 6	8 8	4 9	
			56 3	13 9	7 6	
	New Tress (525 Golden)					
	wave set		20 0	5 0	2 11	
			12 6	3 2	1 10	
	Nicopyron (507 GE)					
	suppositories	6	85 0	—	10 7	
		50	622 0	—	77 9	
	tablets	20	85 0	—	10 7	
		50	163 0	—	20 4	
		250	792 0	—	99 0	
		1000	3038 3	—	379 9	
	Nitodor (1474 NRA)					
	air freshener		92 0	—	11 6	
	Nitrocine (830 Mcdo)					
	capsules	12	16 0	—	2 0	
	Nivea (1164 SSL)					
	creme	362	10 3	2 7	1 6	
		368	17 2	4 3	2 6	
		363	30 11	7 9	4 6	
		384	41 2	10 4	6 0	
	tube	364	12 0	3 0	1 9	
	family pack	370a	75 6	18 11	11 0	
	liquid	268	17 2	4 3	2 6	
		267	30 11	7 9	4 6	
	Nobecutane (436 Evans)					
	plastio dressing ..	50 mls	9 0ea	—	13 6	
	spray	100 mls	15 0ea	—	22 6	
		300 mls	24 0ea	—	36 0	
Insert	Nu-Cot (810 Maw)					
	wool		8 6	—	1 0	
	Nucta (1192 SGD)					
	hair sprays	6 oz	36 0	9 0	5 3	
		16 oz	64 0	16 0	9 6	
Delete	shampoo Bonnie ..					
	Nulon (1037 Reckitt)					
	hand cream	A	25 8	6 3	3 6	
Insert	Nu-San B (1106 S)					
	dressings	10	28 0	—	3 6	
		50	108 0	—	13 6	
	strip 6 in x 6 yd ..		16 0ea	—	24 0	
Insert	Nu-Soft (810 Maw)					
	tissues (65)		8 0	—	1 0	
	(175)		20 0	—	2 6	
	toilet rolls		8 5	—	1 0	

	Nutrasol (324 Crookes)		1 oz	26 0	—	3 3
			box of 12 bottles	24 0	—	36 0
	Nylax (175 BCP)					
Delete	tablets	20's				
	Oestroform (179 BDH)					
	aqueous oestradiol benzoate BP					
Delete	1 mgm 1 mil ampoules packs of 6 and 25					
	Orastrap (378 Dista)					
	suspension ..	50 mls	86 0	—	10 9	†s4B
		500 mls	56 8ea	—	85 0	†s4B
	tablets	25	96 0	—	12 0	†s4B
		100	31 4ea	—	47 0	†s4B
		500	122 6ea	—	183 9	†s4B
	Or-Lem (918 Orlem)					
	blackcurrant syrup	12 oz	17 10	2 8	2 3	
		26 oz	28 8	4 4	3 6	
	Sunreal whole orange	26 oz	20 10	3 2	2 6	
	Ornimed (718 LAB)					
	bird seeds					
Insert	with chloramphenicol		.. ..	..	..	TS
Insert	with penicillin ..		.. ..	..	..	TS
Insert	with sulphonamide ..		.. ..	..	..	†s4B
	Otrivine (262 CIBA)					
	adult solution 0.1%					
	nebuliser		40 0	10 0	5 10	
	drops		40 0	10 0	5 10	
	paediatric solution					
	0.05% drops		36 0	9 0	5 3	
Delete	Otto of flowers (1070 Windsor) whole range					
	Owbridges (925 Owbridge)					
	new formula		19 6	4 10½	2 8	
			34 2	8 6½	4 7	
	Pacatal (1310 WW)					
	(distributors 776 Loveridge)					
Insert	Paedo-Sed (466 FF)					
	childrens sedative sachet	12	36 0	9 0	4 9	†
		20 oz	12 6ea	3 1ea	—	†
	Pal (438 ER)					
	injector blades					
	stainless steel	5	28 0	7 0	4 0	
			(12 mags)(12 mags)			
	Palaprin (187 BS)					
	tablets	30	54 0	—	5 9	
		250	35 6ea	—	45 0	
	Pancorex (930 P&B)					
	powder	100 gm	6 0ea	—	9 0	
		500 gm	25 0ea	—	37 6	
		1000 gm	48 0ea	—	72 0	
	Pancorex V (930 P&B)					
	capsules	100	12 0ea	—	18 0	
		250	28 0ea	—	42 0	
		500	54 0ea	—	81 0	
	Paragen (54 Antigen)					
	tablets	0.5 gm 1000	26 8ea	—	40 0	
	Paris (301 Coty)					
	soap bath	081	29 9	7 3	4 0	
	perfume	110-80	15 3	28 1	17 6	
		121-80	164 6	40 1	25 0	
		141-80	296 3	72 3	45 0	
		151-80	493 6	120 3	75 0	
		171-80	845 6	206 0	128 6	
Delete	existing packs					
	Parke-Davis (938 PD)					
	analgesic balm ..		24 0	6 0	3 6	
Delete	aspirin with Dover powder tablets					
	vaccines					
Delete	diphtheria-pertussis prophylactic					
	PAS sodium (54 Antigen)					
	cachets 1.5 gm ..	100	12 0ea	—	18 0	
		500	52 0ea	—	78 0	
Delete	hyoscine hydrobrom. hypo. tablets gr. 1/100					
Delete	Pausandryl (1037 Roussel) entire entry					
	Penbritin (1393 BRL)					
	capsules 250 mgm ..	20	41 0ea	—	61 6	TS
		100	199 0ea	—	298 6	TS
		500	960 0ea	—	1440 0	TS
	syrup 125 mgm/5 mls					
		60 mls	18 0ea	—	27 0	TS
	tablets 125 mgm ..	20	24 3ea	—	36 6	TS
		100	114 0ea	—	171 0	TS
Delete	Perebron (1310 WW) entire entry					
	Peridexa (837 MSD)					
	tablets	50	25 0ea	6 3ea	43 9	TS
Delete	Permeco (357 &H) DS					
Insert	Permeco (895 NA&V)					
	bullets (cattle) ..	12	345 6	—	72 0	
			(½ doz)			
	(sheep)	50	360 0	—	75 0	
			(½ doz)			
	Perma-Sharp (958 PS)					
	razor blades (5) carded		17 1½	4 3½	3 0	
			(10 pkts.)	(10 pkts.)		
			34 3	8 7	3 0	
			(20 pkts.)	(20 pkts.)		
	Pernicream (179 BDH)					
	tube	24 0	6 0	3 6	†	
	Pernione (576 PH)					
	ointment	1 oz	22 0	5 6	3 3	
	Phocil (78 AS&Co.)					
	100 mls	22 9	5 8	—	†	
	250 mls	50 6	12 7	—	†	
	500 mls	7 0ea	—	—	†	
	2 litres	24 10ea	—	—	†	
	Phortinea (576 PH)					
	cream		60 0	15 0	8 9	
	liquid	15 mls	60 0	15 0	8 9	
Insert	Phospholine Iodide (1106S)					
	all packs .. ..		.. ..	..	..	†s1
Insert	Photopia (980 Photopia)					
	exposure meter N.E.1	P23	51 4ea	12 6ea	89 6	
		N.E.3 P24	45 6ea	11 3ea	79 6	

Phyllis Scott Lesley (1014 PSL)									
almond milk	2 oz	..	..	..	10	6			
	4 oz	..	..	..	15	2			
	8 oz	..	..	..	22	9			
B.Z.10 skin serum	..	..	..	..	42	0			
special oil	2 oz	..	..	..	28	0			
cover cream	..	..	..	..	8	9			
magnolia creamy moisture lotion	2 oz	..	..	..	16	0			
	4 oz	..	..	..	22	9			
Rol Solaire	4 oz	..	..	..	12	8			
topaz herbal lotion	4 oz	..	..	..	15	2			
<i>Delete</i> Pierre Cardin (359 DDD)									
<i>Insert</i> Pierre Cardin (1475 Concorde)									
<i>Insert</i> Pino Silvestre (529 Gorney)									
eau de Cologne	50	66	0	16	6	9	9		
	100	114	0	28	6	18	9		
	200	16	0ea	4	0ea	28	6		
bath foam	..	54	0	13	6	8	6		
Plant Protection (987 PPL)									
sodium chlorate	1 lb	18	0	—	2	3			
	1 lb	23	0	—	3	6			
	2 lb	52	0	—	6	6			
	7 lb	140	0	—	17	6			
	14 lb	21	6ea	—	32	6			
Please (895 NA&V)									
choc-drops for dogs	..	26	1	3	11	1	8		
		(2 doz)		(2 doz)					
Poli-grip (1178 Stafford)									
(distributors 451 F&J)									
denture cream	1 1/2 oz	28	0	—	3	6			
<i>Delete</i> Polly (890 NC & C)									
<i>Insert</i> Polly (1480 Izal)									
<i>Insert</i> Polycolor (721 LC)		32	8	8	2	4	9		
<i>Insert</i> Polyfair (721 LC)									
cream shampoo	..	37	9	9	5 1/2	5	6		
<i>Delete</i> Polylock (721 LC)									
small kit	..	37	9	9	5	5	6		
<i>Insert</i> Polytint (721 LC)									
<i>Insert</i> Pompette (886 NCR)									
shampoo spray	..	7	6ea	9ea	12	0			
<i>Delete</i> Poppet (890 NC&C)									
<i>Insert</i> Poppet (1480 Izal)									
<i>Insert</i> Procol (835 M&J)									
Spansule capsules	8	40	6	—	4	6			
<i>Delete</i> Proctosedyl (1087 Roussel)									
suppositories	12	108	0	—	13	6	TS		
6 and 48									
<i>Delete</i> Provera (1263 Upjohn)									
tablets 5 mgm	20	19	2ea	—	—	—	—	—	—
	100	80	0ea	—	—	—	—	—	—
<i>Delete</i> Proxinol (67 Ashe)									
safflower oil	1 pt	76	6	—	8	6			
<i>Insert</i> Pyridium (1310 WW)									
(distributors 776 Loveridge)									
<i>Insert</i> Quinphos (898 Northern)									
liquid or tablets	small	12	3	3	0 1/2	1	10		
	medium	30	9	7	8 1/2	4	5		
<i>Delete</i> Refevit (68 AH)									
tablets	30	36	0	—	4	6			
	240	21	6ea	—	32	3			
	1000	84	0ea	—	—	—			
<i>Delete</i> Rennies (894 Nicholas)									
<i>Insert</i> Rexona (756 Lever)									
soap	150	35	10	9	0	4	9		
		25	4	6	2	1	0		
		(3 doz)		(3 doz)					
		42	3	10	4	1	8		
		(3 doz)		(3 doz)					
<i>Delete</i> Rhuaka (1307 Waterhouse)									
tablets	12	12	6	3	1 1/2	1	10		
<i>Delete</i> Ribena (103 BF)									
blackcurrant drink	18 oz	43	11	6	7 1/2	5	3*		
		*Includes 3d for container							
<i>Delete</i> Richpine (499 Richter)									
	4 oz	36	0	9	0	5	3		
	8 oz	64	0	16	0	9	4		
<i>Delete</i> Rinoxin (506 Gerhardt)									
concentrate (all sizes)	..	..	..	..	..	..	..	..	..
<i>Delete</i> readimix (all sizes)									
<i>Delete</i> Rodine (1047 Rentokil)									
warfarin mousebait	..	..	..	..	..	..	..	..	..
	sachet	..	..	..	..	1	0		
	rat bait	..	..	..	..	2	0		
<i>Delete</i> Rndomycin (583 HP)									
capsules 150 mgm	16	22	8ea	—	34	0	TS		
	100	136	0ea	—	204	0	TS		
<i>Delete</i> Ronson (1079 Ronson)									
electric toothbrush	..	78	9ea	17	4ea	126	0		
<i>Delete</i> Rovamycin (971 PSMB)									
granules for syrup	120 mls	8	10ea	—	13	3	TS		
<i>Delete</i> Royal Sweden (1412 Jackel)									
	15216								
<i>Delete</i>	15261								
<i>Delete</i>	1760								
<i>Delete</i>	1984								
<i>Delete</i>	594								
<i>Delete</i>	496								
<i>Delete</i> parent mlrror set									
Kontur bristle	15201	162	0	40	6	23	11		
	15202	192	0	48	0	27	11		
	15206	252	0	63	0	37	6		
	15223	192	0	48	0	27	11		
	15265	112	0	28	0	16	6		
<i>Delete</i> Rubilex (466 FF)									
<i>Insert</i> Rubelix (466 FF) prices unchanged									
<i>Insert</i> Sanatogen (502 Genatosan)									
selected multivitamins	30	56	0	—	7	0			
	60	104	0	—	13	0			
<i>Insert</i> Sanescol (878 Napp)									
<i>Insert</i>									
<i>Delete</i> Savlon (649 ICI)									
lozenges	..	12	13	9	3	5	2	0†	
<i>Delete</i> Scan (31 AP)									
	..	..	..	..	..	..	..	..	..
	tube	13	10	3	5 1/2	2	1		
	bottle	23	6	5	10 1/2	3	6		
<i>Delete</i> Schlank Schlank (529 Gorney)									
	7	0ea	1	9ea	12	3			
<i>Delete</i> Scholl's (Dr.) (1108 SMC)									
knee warmer	..	72	0	7	2 1/2	9	6		
<i>Delete</i> Scotties (153 BSC)									
50 two ply regular	26	1	—	—	1	0			
	(3 doz.)	47	5	—	1	9			
100 two ply	45	1	—	—	2	0			
	(3 doz)	42	8	—	3	2			
150 two ply economy	26	1	—	—	1	0			
	(3 doz)	47	5	—	1	9			
200 two ply family	45	1	—	—	2	0			
	(2 doz)	42	8	—	3	2			
	(1 1/2 doz)								
<i>Delete</i> Sedalby (115 Bengue)									
dp 250	240	0	60	0	—	—	—	—	—
<i>Insert</i> Seneschal (1124 Sen M)									
corn planes	22	6	5	7 1/2	3	1			
<i>Delete</i> Senokot (1324 Westminster)									
tablets	16	10	6	—	1	3			
<i>Delete</i> Senpolin (1154 S&N) liniment									
SH.420 (973 Pharmethicals)	20	24	0ea	—	—	—	—	—	—
tablets 10 mgm	20	24	0ea	—	—	—	—	—	—
<i>Delete</i> Shostakovsky (1488 LC&C)									
balsam	20	8ea	5	2ea	36	0			
<i>Delete</i> Show Girl (1478 SBP)									
cologne deodorant	6 oz	26	5	6	7	4	11		
hair spray	8 oz	30	9 1/2	7	2 1/2	5	11		
<i>Delete</i> Siestol (859 Moore)									
capsules	18	22	0	5	6	3	3		
<i>Delete</i> Solufin (673 J of H)									
developer	250 mls	40	0	—	5	0			
	2 1/2 litre	20	0ea	—	30	0			
<i>Delete</i> Somilan (179 BDH)									
tablets	30	78	0	—	9	9			
	500	92	6ea	—	138	9			
<i>Delete</i> Somnotil (37 Allied)									
<i>Delete</i> Soporal-A (37 Allied)									
<i>Insert</i> Sorosil (878 Napp)									
<i>Insert</i> Sparklets (183 BOC)									
syphons	1170	0	117	0	139	9			
<i>Insert</i> stainless steel model									
<i>Delete</i> Spire (78 AS&Co)									
olive oil	2 1/2 oz	16	6	—	—	—	—	—	—
	5 oz	28	6	—	—	—	—	—	—
	10 oz	54	0	—	—	—	—	—	—
<i>Delete</i> 20 oz									
<i>Delete</i> Spray 'N Stay (256 CPL)									
hairspray economy size	16 oz	45	5	11	5	12	6		
<i>Delete</i> Stabilin V-K (147 Boots)									
syrup, granules for 60 mls	4	4ea	—	—	6	6	TS		
<i>Delete</i> Stamina (1112 SBF)									
dog food	economy	18	6	—	1	11 1/2			
<i>Delete</i> Stera-Fix (1037 Reckitt)									
Suba-Seal (479 WF)	15	9	—	—	1	9			
feeders	2	8	—	—	4				
stopper	3A3-29	19	2	—	1	11			
<i>Delete</i> Sucron (67 Ashe)									
8 oz	19	2	—	—	1	11			
<i>Delete</i> Sudden Veil-Lift (160 Bliss)									
facial mask (8 treat-ments)	36	0ea	9	0ea	63	0			
<i>Delete</i> Sulte 16 (Pierre Cardin (366 Dendron))									
<i>Insert</i> Sulte 16 (Pierre Cardin (1475 Concorde))									
<i>Delete</i> Sunbeam (1199 Sunbeam)									
halddryer	—	—	—	—	168	0			
Shavenmaster 190-250 v. XS	..	..	..	..	152	6			
<i>Delete</i> Sunset (1343 DW)									
TR III Speedlight flash unit	..	..	..	..	195	6			
<i>Delete</i> Sure Shield (549 Guest)									
pastilles	13	4	2	0	1	10			
blackcurrant & glycerine	12	6	—	—	1	7	†		
Gee's B.P.C.	13	4	2	0	1	10			
glycerine, lemon & honey	13	4	2	0	1	10			
<i>Delete</i> Sustac (972 Pharmax)									
tablets gr 1/2	dp 30	102	0	—	11	4	†		
	dp 250	780	0	—	86	8	†		
	dp 30	12							

Throaties (64 AW)				
blackcurrant ..	3 10	11	6	
lemon, honey and menthol	3 10	11	6	
Thylin (1320 WP)				
tablets 250 mgm .. 100	30 0ea	—	45 0	
Tixyl (971 PSMB)				
Tixylix (971 PSMB) prices same				
Together (462 Field)				
cologne ..	58 3	14 6½	8 6	
perfume ..	48 0	12 0	7 0	
satin talc ..	32 8	8 2	4 9	
Trafuril (262 CIBA)				
cream 20 gm single	2 0ea	—	3 0	
12	20 0ea	—	3 0	
Tremimon (452 FBA)				
all packs ..	..	..	†s4A	
Tress (525 Golden)				
Tricoid (818 M&B)				
film cement .. 500 mils	108 0	—	13 6	
Trill (525 Golden)				
hair conditioner ..	17 1	4 3	2 6	
Trivax (208 BW)				
ampoule 0.5 cc .. 1	20 0	—	2 6	
Tryptizol (837 MSD)				
syrup .. 4 oz	8 6ea	—	12 9 †s4B	
Tylagel (378 Distal) tube				
26 0	—	3 3		
Tylan (1477 Elanco)				
injectable .. 250 mils	20 0ea	—	30 0	
500 mils	39 2ea	—	58 9	
soluble .. 50 gm	82 2ea	—	123 3	
100 gm	157 2ea	—	235 9	
Tyroco (312 AC)				
lozenges .. 12	12 6	—	†	
Tyzanol (583 HP)				
spray pack ..	32 0	—	4 0	
Uracil (1263 Upjohn)				
capsules 1 mgm .. 50	56 8ea	—	†s4A	
Urolucosil (1310 WW)				
(distributors 776 Loveridge)				
Valium (1074 Roche)				
tablets 2 mgm .. 100	16 8ea	—	25 0 †s4B	
500	66 8ea	—	100 0 †s4B	
5 mgm .. 100	24 0ea	—	36 0 †s4B	
500	98 8ea	—	143 0 †s4B	
Varicones (898 Northern)				
pill remedy ..	14 2	3 6½	2 1	
	33 4	8 4	5 0	
	59 0	14 9	8 11	
Vaseline (256 CPL)				
petroleum jelly .. jar	10 8	2 8	1 5	
yellow ..	9 0ea	2 3ea	15 9	
Veen (529 Gorney)				
Velouty (379 Dlxor)				
powder cream .. jar	27 0	6 9	4 0	
.. jar	20 6	5 1½	3 1	
Veltis (115 Bengue)				
cream .. 40 gm	18 0	4 6	2 6	
perfumed .. 70 gm	25 0	6 3	3 6	
unperfumed .. 40 gm	18 0	4 6	2 6	
70 gm	25 0	6 3	3 6	
Velvet (1275 VCP) all entries				
Velvet (1275 VCP)				
handkerchief tissues	2 8	—	4	
pocket pack	8 0	—	1 0	
standard	20 0	—	2 6	
triple	13 4	—	1 6	
toilet tissue "jumbo"	25 8	—	2 11	
size rolls single				
double				
Vernon (980 Photopia)				
clne camera 8 mm 18/28	216 10ea	52 9ea	378 0	
Vichy (653 I&R)				
pastilles ..	5 0	1 3	1 0	
Victor (1333 Wigmore)				
after shave cream ..	37 0	9 3	5 6	
lotion .. 60 cc	65 0	16 3	9 6	
110 cc	105 0	26 3	15 6	
Acqua di Selva cologne				
50 cc	85 0	21 3	12 6	
110 cc	134 0	33 8	19 6	
220 cc	..	..	35 0	
deodorant stick ..	65 0	16 3	9 6	
hair cream ..	37 0	9 3	5 6	
pre-shave ..	65 0	16 3	9 3	
shave cream brushless	37 0	9 3	5 6	
lather ..	37 0	9 3	5 6	
talcum ..	65 0	16 3	9 6	
V.I.P. (1482 NP)				
men's toilet kit ..	108 0	27 0	14 11	
Vita-E (127 Bioglan)				
gels 75 i.u. .. 100	25 0ea	—	37 6	
500	116 8ea	—	175 0	
1000	226 8ea	—	340 0	
200 i.u. .. 100	60 0ea	—	90 0	
500	286 8ea	—	430 0	
400 i.u. .. 100	113 4ea	—	170 0	
500	560 0ea	—	840 0	
800 i.u. .. 100	220 0ea	—	330 0	
gelucaps 75 i.u. .. 90	23 4ea	—	35 0	
120	30 0ea	—	45 0	
500	116 8ea	—	175 0	
1000	226 8ea	—	340 0	
powder 1000 i.u. 100 doses	153 4ea	—	230 0	
succinate tablets 50 i.u. 500	66 8ea	—	100 0	
1000	133 4ea	—	200 0	
200 i.u. 50	28 4ea	—	42 6	
100	52 4ea	—	78 6	
500	253 4ea	—	380 0	
1000	493 4ea	—	740 0	

Vitacoat (1284 V)				
Delete Vitrex	60 0	15 0	8 9	
Insert Vitex	33 0	4 10	3 11	
Vittel Grande (653 I&R)				
Vittel Hepar (653 I&R) ..				
Vivacious (385 DG)				
bath essence ..	89 0	22 3	13 0	
dusting powder .. tin	57 0	14 3	8 6	
perfume .. purse	89 0	22 3	13 0	
skin perfume .. 2 oz	89 0	22 3	13 0	
4 oz	132 0	33 0	19 3	
Voigtlander (673 J of H)				
Vito automatic 1 ..	—	—	651 0	
Vitoret R ..	—	—	383 8	
Volital (718 LAB)				
.. 500	58 0ea	14 6ea	92 0 †s4B	
Wallis (1479 Wallis)				
junior aspirin tablets ..	9 0	2 3	1 9	
Wander (1303 Wander)				
diabetic chocolate	30 5	4 6	3 9	
Warmabed (1308 Warmabed)				
electric blanket	..	..	157 9	
"De Luxe" single 60 x 30	..	..	232 0	
double 60 x 48	..	..	165 2	
three heat single 60 x 30	..	..	244 10	
double 60 x 48	..	..	113 8	
"Standard" single 60 x 30	..	..	157 7	
double	..	..	..	
Delete "Golden Rest" both sizes	..	..	..	
Wellcome (208 BW)				
tetanus antitoxin	1,500 i.u. in 1 cc .. 10	194 0	24 3	
Delete .. 12	..	..	..	
tetanus toxoid 0.5 cc .. 1	20 0	—	2 6	
tuberculin old, human T 1 cc	36 0	—	4 6	
5 cc	126 0	—	15 9	
1 in 100 .. 1 cc	36 0	—	4 6	
1 in 1,000 .. 1 cc	36 0	—	4 6	
1 in 10,000 .. 1 cc	36 0	—	4 6	
Wernets Dr. (1178 Stafford)				
denture powder	16 0	—	2 0	
Williams (1113 S&B)				
shaving stick refill ..	12 7	3 1½	1 8	
Delete Wydase (1352 Wyeth)	..	..	..	
ampoules 1000 iu	14 6	2 2	1 10½	
Wyness (1338 W&S)				
Xylocaine (68 AH)				
eye drops 4% .. 6 6ea	—	9 9		
gel .. tube 15 mil	33 0	—	4 1½	
Zactirin (1352 Wyeth)				
Insert tablets ..	—	—	†s4B	
Delete Zal (890 WC&C)	..	..	..	
Insert Zal (1480 Izal)	..	..	..	
air freshener aerosol ..	29 3	—	3 3	
Delete Zo all sizes	..	..	..	
Zonal (54 Antigen)				
salt .. 2 oz	16 0	—	2 0	
Delete Zonas all sizes	..	..	..	

ADDITIONS TO KEY TO SUPPLIERS

- (89 Barluze)=BARLUZE (PRODUCTS) LTD., 2 Lovaine Avenue, Whitley Bay, Northumberland.
- (267 C&A)=CLAY & ABRAHAM (MANUFACTURING), LTD., 40 Hanover Street, Liverpool, 1.
- (376 Dimol)=DIMOL LABORATORIES LTD., 34 Ludgate Hill, London, E.C.4. City 6309.
- (378 Distal)=DISTA PRODUCTS, LTD., Fleming Road, Speke, Liverpool 24. Hunts Cross 1271.
- (425 ELC)=ESTEE LAUDER COSMETICS, LTD., 18 Davies Street, London, W.1. Hyde Park 6949.
- (478 Fraser)=FRASER CHEMICALS, LTD., 88 Lewisham High Street, London, S.E.13. Lee Green 7486.
- (484 Fulford)=C. E. FULFORD, LTD., Knapping Mount, West Grove Road, Harrogate, Yorks. Harrogate 69661.
- (509 Gibbs)=GIBBS PEPSODENT, LTD., Hesketh House, Portman Square, London, W.1. Hunter 1200.
- (529 Gorney)=GORNEY, LTD., Cross Bath Road, Bramley, Leeds, 13. Pudsey 77221.
- (597 HCL)=HELENE CURTIS, LTD., New Lane, Havant, Hants. Havant 2414.
- (659 HI)=HARRY ISAACS (CHEMISTS), LTD., 23 Cyncoed Road, Cardiff. Cardiff 36968.
- (833 Mel P)=MELDAIRE PRODUCTS, LTD., P.O. Box 2. Manchester 21.
- Delete 890 NC&C=NEWTON CHAMBERS & CO., LTD.
- (863 MR)=MORPHY-RICHARDS, LTD., 50 Conduit Street, London, W.1. Whitehall 9755.
- (942 Passmill)=PASSMILL (PAPER PRODUCTS), LTD., Tennyson Street, Bolton, Lancs. Bolton 27125.
- (958 PS)=PERMA-SHARP, LTD., Flakefield, East Kilbride, Scotland. East Kilbride 21391.
- (1114 SLL)=SCOTT LABORATORIES, LTD., 521 Cambridge Heath Road, London, E.2. Shoreditch 5034.
- (1124 Sen M)=SENESCHAL MANUFACTURING CO., 109a Dartmouth Road, London, N.W.2. Gladstone 4187.
- (1243 Topsy)=TOPSY PHARMACEUTICALS LTD., Fountain Street, Oldham, Lancs. Oldham Main 3045.
- (1246 TP&T)=TOWER PILL AND TABLET CO., LTD., 6 Cole Street, London, S.E.1. Hop 1229.
- (1254 UCS)=U.C.S. (LONDON), LTD., 39 Albemarle Street, London, W.1. Hyde Park 2630.
- (1333 Wigmore)=WIGMORE PRODUCTS, LTD., 116 Wigmore Street, London, W.1. Hunter 1434.
- (1437 ACC)=ALBERTO-CULVER CO., 44 Newington Causeway, London, S.E.1. Hop 1623.
- (1469 Caron)=PARFUM CARON, 2 Old Bond Street, London, W.1. Hyde Park 5110.
- (1472 Corry)=CORRY & CO., LTD., 10 Borough High Street, London, S.E.1. Hop 3493.

(1474 NRA)=N.R. AGENCIES, LTD., Harcourt Road, Bexleyheath, Kent. Bexleyheath 1940.
 (1475 Concorde)=CONCORDE PERFUMERY & COSMETICS, LTD., 94 Rickmansworth Road, Watford, Herts. Watford 29251.
 (1476 AC)=ANTOLIA COMPANY, Studio Six, 5 Kensington Church Street, London, W.8. Western 9334.
 (1477 Elanco)=ELANCO PRODUCTS, LTD., Broadway House, The Broadway, London, S.W.19. Liberty 6600.
 (1478 SBP)=SHOWGIRL BEAUTY PRODUCTS, 50 Greyhound Road, London, N.15. Tottenham 0570.
 (1479 Wallis)=WALLIS LABORATORY, LTD., Holywell Industrial Estate, Watford, Herts. Watford 21812.
 (1480 Izal)=IZAL LTD., Thorncliffe, Sheffield. Ecclesfield 3171.
 (1481 JHL)=JOSEPHINE HART, LTD., 73 Bordesley Green, Birmingham 9. Birmingham Victoria 5545.
 (1482 NP)=NATIONWIDE PHARMACEUTICALS, LTD., 7 Cleveland Gardens, London, W.2. Ambassador 4420.
 (1483 JBB)=JOHNSON BODY BELT CO., Dome Buildings, The Quadrant, Richmond, Surrey. Richmond 1053.
 (1484 PCPL)=PARAMOUNT COURT PHARMACY, LTD., 155 Tottenham Court Road, London, W.1. Euston 1089.
 (1485 Diva)=DIVA LABORATORIES (GREAT BRITAIN), LTD., 229a Shaftesbury Avenue, London, W.C.2.
 (1487 Besso)=V. S. BESSO & CO., LTD., 61 George Street, Manchester, 1. Central 8683.
 (1488 LC&C)=LEOPOLD CHARLES & CO., LTD., 27 Whitfield Street, London, W.1. Langham 3426.

THIS WEEK'S CHANGES

NEW and altered entries notified for the first time

A=Advanced. R=Reduced.

Entries new this week are marked thus:—●

Insert	Aklrep (1490 IAPS)	tablets .. 50	77 6	—	8 7½
Insert	Anaspasme (1490 IAPS)	4 oz 16 oz	46 0 13 5ea	11 6 3 4	6 1 21 3
●	Aphrodisia (Fabergé) (1444 MDL)	bath powder ..	10 0ea	2 5ea	17 6
●		perfume spray ..	42 2ea	10 3ea	73 6
●		for men ..			
●		talcum ..	10 0ea	2 5ea	17 6
●		woodhuc lotion ..	24 0ea	5 10ea	42 0
Insert	Arcolax (1490 IAPS)	12 oz	68 0	17 0	9 0
Insert	Belzema (1490 IAPS)	ointment .. 2 oz	54 0	13 6	7 1½
Insert	Bormol (1490 IAPS)	powders .. 12	47 0	11 9	6 3
Insert	Bromidia (1490 IAPS)	4 oz 12 oz	73 0 193 0	18 3 48 3	9 7 25 6 †
Insert	Bromocarpine (1490 IAPS)	16 oz	89 6	22 4½	11 10 †
Insert	C.B.L. (1490 IAPS)	tablets .. 50	69 0	17 3	9 1 †s1s4A
●	Chant d'Arômes (548 Guerlain)	eau de cologne .. 1½ oz 3½ oz 7 oz 17½ oz 35½ oz	.. .. .. ..	.. .. .. ..	16 6 26 6 42 6 84 0 152 0 24 0
●		creme hydratante ..	.. .. ..	.. .. ..	23 0
●		dusting powder with puff ..	.. .. ..	.. .. ..	7 9
●		talcum powder .. tin glass bottle	.. .. ..	.. .. ..	8 6
●	Chilvax (175 BCP)	tablets .. 48 30	31 7	7 11	4 2
Delete	Color-Glo (525 Golden)	..	26 3	6 7	3 10
A	Color-Match (525 Golden)	..	36 0	9 7	5 3
Insert	Coluval (1490 IAPS)	eye lotion .. 4 oz	26 0	6 6	3 6
Delete	Combizym (404 ECM)	..	..	..	..
Insert	Combizym (1490 IAPS)	..	..	..	..
●	Cyclax (341 Cyclax)	..	..	..	..
●	Nuit d'Or	bath powder ..	6 6ea	1 7ea	11 6
●		skin perfume ..	8 5ea	2 0ea	14 9
●		soap ..	2 6ea	8ea	4 6
●	Detigon (452 FBA)	linctus .. 20 oz	96 0	24 0	14 0
●	Dicynene (95 Baxter)	ampoules .. 6	23 10ea	5 8½ea	—
●		tablets .. 100	77 11ea	19 5½ea	—
Insert	Dismenol (1490 IAPS)	tablets .. 15 100	46 0 24 6ea	11 6 6 1½ea	6 0 38 0
Insert	Dr. Valle (1490 IAPS)	pastilles .. 17	20 0	5 0	2 8 †
●	Eade's (67 Ashe)	tonic .. 8 oz	40 0	—	4 9
Corr.	Ednasan (659 HI)	tablets vit. B. ..	40 0	—	4 6
Insert	Formatone (1490 IAPS)	inhalant .. 1 oz 4 oz	26 0 77 0	6 6 19 3	3 5½ 10 0
●	Glomax (655 ICC)	tablets .. 24	45 0	—	5 0
●	Glycinello (664 JS&C)	hand cream .. tube	18 6	4 7½	2 9
●	Guerlain (548 Guerlain)	eau de cologne .. 7 oz	.. ..	.. ..	42 6
●		eau de Vetiver spray ..	.. ..	.. ..	35 0
●		eye shadow stick refill ..	.. ..	.. ..	8 6
●		eyeliner ..	.. ..	.. ..	17 6
A	Halmagon (801 MP)	..	37 0	9 3	5 0
		..	111 0	27 9	15 0
	Heinz (593 Heinz)	junior foods	..	..	..

●	bone and vegetable broth .. 4½ oz	12 10	—	8
●	buttered carrots .. 4½ oz	12 10	—	8
		(2 doz)		
Delete	Hexocil (1310 WW)	..	..	..
Insert	Hexocil (776 Loveridge)	ointment .. 20 gm	31 4	— 3 11
		.. 4 oz	36 0	— 4 6
		.. 80 oz	53 4ea	— 80 0
Delete	Hibitane (649 ICI)	lozenges .. 250	..	..
Delete	Hirudoid (404 ECM)	..	..	..
Insert	Hirudoid (1490 IAPS)	ointment .. 40 gm	120 9	30 2 15 10 †s4B
	Hudnut (631 Hudnut)	..	..	..
●	Roll Quick ..	19 0	4 9	2 9
A	Kelm (781 Lusty's)	..	50 0	— 6 3
	Kolynos (655 ICC)	..	..	..
A	denture fixative ..	29 3	—	3 3
Insert	Kuranol (1490 IAPS)	ointment .. 1 oz	56 0	14 0 7 5 †
		.. 12	56 0	14 0 7 5 †
●	Lager Beer (1114 SLL)	shampoo .. sachet	20 0	5 0 1 0
		..	(3½ doz)	(3½ doz)
●	Lipoflavonoid (757 Lewis)	capsules .. 100 500	232 0 90 0ea	58 0 22 6ea 33 10 157 6
A	L'Oreal (525 Golden)	bleach .. packet	24 0	6 0 3 6
Delete	Luizym (404 ECM)	..	..	..
Insert	Luizym (1490 IAPS)	..	..	..
●	Lyndiol (917 Organon)	tablets .. 20	5 10ea	— 8 9 †s4B
Insert	Melsedin (147 Boots)	tablets 50 mgm .. 100	90 0	— 11 3 †s4B
Delete	Mobilat (404 ECM)	..	..	..
Insert	Mobilat (1490 IAPS)	..	..	..
Delete	Monotreon (404 ECM)	..	..	..
Insert	Monotreon (1490 IAPS)	..	..	..
Delete	Novutox (970 PM) existing entries	..	..	..
Insert	Novutox (970 PM)	1½%, 1%, 2% and 3% 50 mls	39 0	— 4 4 †
		250 mls	166 6	— 18 6 †
		500 mls	316 6	— 35 2 †
	ampoules 2 mls .. 12	38 3	—	4 3 †
		100	270 0	— 30 0 †
	4% .. 50 mls	42 9	—	4 9 †
		250 mls	186 9	— 20 9 †
		500 mls	356 3	— 39 7 †
	ampoules 2 mls .. 12	45 0	—	5 0 †
		100	360 0	— 40 0 †
	5% .. 50 mls	48 0	—	5 4 †
		250 mls	213 9	— 23 9 †
		500 mls	410 3	— 45 7 †
	ampoules 2 mls .. 12	49 6	—	5 6 †
		100	396 0	— 44 0 †
●	Ospolot (452 FBA)	tablets 50 mgm .. 50	84 0	21 0 12 3
Insert	Petrocarpine (1490 IAPS)	hair lotion .. 2 oz 6 oz	43 0 61 6	10 9 15 4½ 5 8 † 8 2 †
	Polaroid (989 Polaroid)	camera ..	..	.. 2292 6
●	Land automatic 100 ..	..	..	..
Insert	Quinacinas (1490 IAPS)	liquid .. 2 oz 4 oz 25	28 0 48 0 28 0	7 0 12 0 7 0 3 8½ 6 4 3 8½
●	Rapimil (906 Nutona)	instant milk granules .. 7 oz	16 0	— 1 9
	family pack ..	..	9 3ea	— 11 9
Insert	Robuval (1490 IAPS)	elixir .. 8 oz 40 oz 80 oz	52 0 16 10ea 31 0ea	13 0 4 2½ea 6 11 26 8 49 1
Insert	Sanaderm (1490 IAPS)	ointment .. 1 oz	40 0	10 0 5 4
R	Soaky (280 CP)	bubble bath ..	56 11	14 1 3 6
		..	(2 doz)	(2 doz)
●	Suzy (664 JS & C)	cosmetic pencils ..	8 0	2 0 —
	propelling pencils ..	48 0	12 0	7 6
	refills ..	8 0	2 0	1 6
●	Tegretol (501 Geigy)	tablets .. 100	37 6ea	9 4½ea 65 7½ †s4B
Insert	Thiolax (1490 IAPS)	tablets .. 45	75 0	18 9 9 11 †
Insert	Tiodine (1490 IAPS)	pills .. 50	56 0	14 0 7 6
Insert	Traka (1490 IAPS)	syrup .. 4 oz	40 0	10 0 5 4 †
Insert	Valigel (1490 IAPS)	ointment base .. 4 oz 16 oz	40 0 97 0	10 0 24 3 5 4 12 10
Insert	Valitone (1490 IAPS)	4 oz 40 oz 80 oz	54 0 36 0ea 69 1ea	13 6 9 0ea 17 3ea 7 1 †s4A 57 0 †s4A 109 4 †s4A
	Xylotox (970 PM)	dental solutions	..	..
Delete	1½% bottle .. 2 oz	..	..	..
Insert	1½% bottle .. 50 mls	63 0	—	7 0
Delete	2% bottle .. 2 oz	..	..	..
Insert	2% bottle .. 50 mls	63 0	—	7 0

AMENDMENTS AND ADDITIONS TO KEY TO SUPPLIERS

(906 Nutona)=NUTONA, LTD., Dockfield Road, Shipley, Yorks. Shipley 52044.
 (1490 IAPS)=INTER-ALIA PHARMACEUTICAL SERVICES, LTD., Sibley Grove, London, E.12. Grangewood 6266.

BALANCE SHEET
AS AT
DECEMBER 31, 1962
AND
PROFIT AND LOSS ACCOUNT
FOR THE YEAR ENDED
DECEMBER 31, 1962

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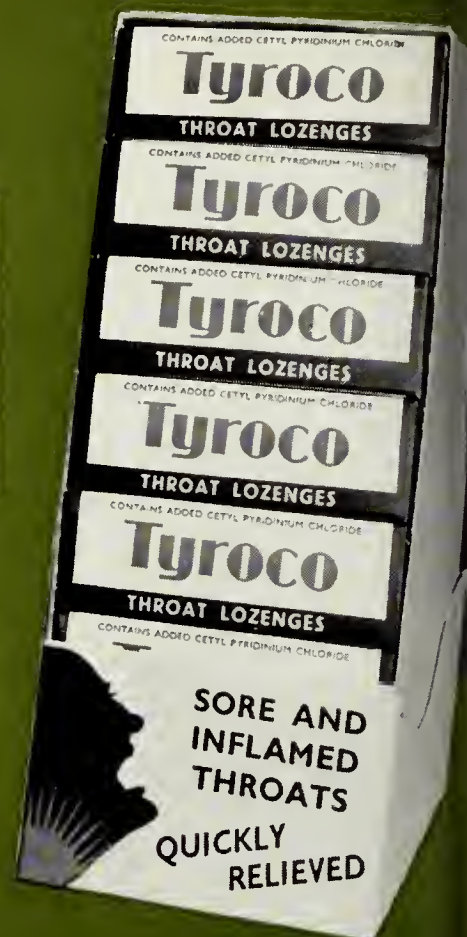
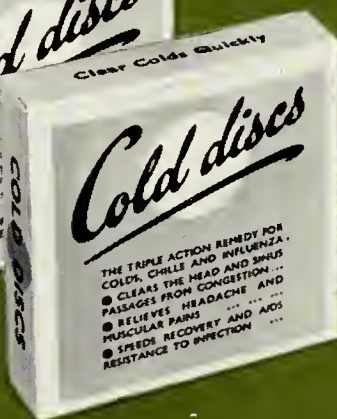
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